

## **ABB annetas ülikoolile keevitusroboti**

Mente et Manu 2008 / 12. sept., lk. 3 : fot [https://www.ester.ee/record=b1242496\\*est](https://www.ester.ee/record=b1242496*est)

## **Advanced multiphase tribo-functional PTA hardfacings = Mitmeefaasilised kulumiskindlad PTA-keevispinded**

Zikin, Arkadi 2013 <https://digi.lib.ttu.ee/i/?908> [https://www.ester.ee/record=b2956356\\*est](https://www.ester.ee/record=b2956356*est)

## **Alumiiniumi jootmine**

Raadiotehnika 1935 / lk. 110

## **[Alumiiniumi jootmine]**

Keemia Teated. 2 1935 / lk. 108

## **Alumiiniumi jootmine**

Grünreich, E. Tehnika Kõigile 1938 / lk. 85-86

## **Alumiiniumi keevitamisest**

Tehnika Kõigile 1937 / lk. 24

## **Analysis of barrier inhomogeneities of P-type Al/4H-SiC Schottky barrier diodes**

Ziko, Mehadi Hasan; Koel, Ants; Rang, Toomas; Toompuu, Jana Silicon Carbide and Related Materials 2019 : Selected peer-reviewed papers from International Conference on Silicon Carbide and Related Materials 2019 (ICSCRM 2019), September 29 - October 4, 2019, Kyoto, Japan Materials science forum 2020 / p. 960-972 <https://doi.org/10.4028/www.scientific.net/MSF.1004.960>  
[Conference proceedings at Scopus](#) [Article at Scopus](#)

## **Application of statistical methods in assessing the quality of welding**

Stepanov, Aleksandr; Laansoo, Andres Proceedings of the 4th International Conference Industrial Engineering - New Challenges to SME : 29-30 April 2004, Tallinn, Estonia 2004 / p. 287-289

## **Arcatom-keevitamine**

Käsitööstuskoja Teataja 1939 / lk. 97-98

## **Atsetüleeniasjanduse järelvalvest**

Treu, H. Tehnika Põllumajanduses 1935 / lk. 62-68

## **Brazing and diffusion welding of tungsten free hardmetals**

Surženkov, Gennadi; Laansoo, Andres; Kübarsepp, Jakob Abstracts of International Conference on Welding - Quality - Competitiveness 2002 / p. 61-63

## **Brazing and diffusion welding of tungsten free hardmetals [Electronic resource]**

Surženkov, Gennadi; Laansoo, Andres; Kübarsepp, Jakob; Klaasen, Heinrich Proceedings of International Conference on Welding - Quality - Competitiveness 2002 / [CD-ROM]

## **Characteristics of rails and rail welds**

Saarna, Mart; Laansoo, Andres Engineerings Materials & Tribology 2004 : materials of the XIII-th International Baltic Conference : September 23-24, Riga, Latvia 2004 / p. 41-45

## **Clamp mode package diffusion welded power SiC Schottky diodes**

Korolkov, Oleg; Kuznetsova, Natalja; Rang, Toomas BEC 2006 : 2006 International Baltic Electronics Conference : Tallinn University of Technology, October 2-4, 2006, Tallinn, Estonia : proceedings of the 10th Biennial Baltic Electronics Conference 2006 / p. 55-58 : ill

## **Cold metal transfer (CMT) welding of thin sheet metal products**

Talalaev, Robert; Veinthal, Renno; Laansoo, Andres; Sarkans, Martinš Estonian journal of engineering 2012 / p. 243-250 : ill

## **Comparative characteristics of 6H- and 4H-SiC surfaces in diffusion welding**

Korolkov, Oleg; Rang, Toomas Proceedings of the Estonian Academy of Sciences. Engineering 2001 / 4, p. 347-353 : ill

## **Comparative characteristics of diffusion welded Al contacts to 6H- and 4H-SiC substrates**

Korolkov, Oleg; Rang, Toomas The 7th Biennial Conference on Electronics and Microsystem Technology "Baltic Electronics Conference" : BEC 2000 : October 8 - 11, 2000, Tallinn, Estonia : conference proceedings 2000 / p. 23-26 : ill

## **Comparative characteristics of diffusion-welded high-voltage stacks and connected in series Schottky diodes**

Sleptšuk, Natalja; Korolkov, Oleg; Land, Raul; Toompuu, Jana; Annus, Paul; Rang, Toomas BEC 2016 : 2016 15th Biennial Baltic Electronics Conference : proceedings of the 15th Biennial Baltic Electronics Conference : Tallinn University of Technology, October 3-5, 2016, Tallinn, Estonia 2016 / p. 39-42 : ill [http://www.ester.ee/record=b2150914\\*est](http://www.ester.ee/record=b2150914*est)

### **Comparative study of adhesive wear for CoCr, TiC-NiMo, WC-Co as potential FSW tool materials**

**Kolnes, Mart; Kübarsepp, Jakob; Sergejev, Fjodor; Kolnes, Märt** Materials Engineering 2017 : selected, peer reviewed papers from the 26th International Baltic Conference on Materials Engineering 2017, October 26-27, Kaunas, Lithuania 2017 / p. 224-228 : ill <https://doi.org/10.4028/www.scientific.net/SSP.267.224> [Conference proceedings at Scopus](#) [Article at Scopus](#)

### **Comparison of individual SiC JBS chips and JBS stacks connected in series by diffusion welding**

**Sleptšuk, Natalja; Korolkov, Oleg; Toompuu, Jana; Rang, Toomas** BEC 2010 : 2010 12th Biennial Baltic Electronics Conference : proceedings of the 12th Biennial Baltic Electronics Conference : Tallinn University of Technology, October 4-6, 2010, Tallinn, Estonia 2010 / p. 81-84 : ill

### **Comparison of plasma transferred arc and submerged arc welded abrasive wear resistant composite hardfacings**

**Simson, Taavi; Kulu, Priit; Surženkov, Andrei;** Ciuplys, Antanas; **Viljus, Mart;** Zaldarys, Gintautas Materials science = Medžiagotyra 2018 / p. 172-176 : ill <https://doi.org/10.5755/j01.ms.24.2.19121> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Comparison of plasma transferred arc and submerged arc welded abrasive wear resistant composite hardfacings [Online resource]**

**Simson, Taavi; Kulu, Priit; Surženkov, Andrei;** Bendikiene, Regita; Ciuplys, Antanas; **Viljus, Mart** Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [7-8 märtsil 2018, Tallinn : teesid] GSFMT Scientific Conference 2018 : Tallinn, March 7-8, 2018 : abstracts 2018 / 1 p <http://fntdk.ut.ee/teesid-2018/>

### **Comparison of Schottky parameters for diffusion-welded and sputter contacts to silicon carbide**

**Kuznetsova, Natalja** Info- ja kommunikatsioonitehnoloogia doktorikooli IKTDK teise aastakonverentsi artiklite kogumik : 11.-12. mai 2007, Viinistu kunstimuuseum 2007 / lk. 162-165 : ill

### **Complementary education welding engineers in Estonia**

**Laansoo, Andres** Proceedings of the Second International Conference on Education in Welding 2000 / p. 48-51

### **Compound carbide composites produced by diffusion bonding**

**Kübarsepp, Jakob; Klaasen, Heinrich; Laansoo, Andres** EURO PM2001 : [European Congress and Exhibition on Powder Metallurgy] : October 22-24, 2001, Nice, France. Vol. 1 : proceedings 2001 / p. 158-163 : ill

### **Control features of multicell-type current regulator for resistance welding**

Verbytskyi, Ievgen; Bondarenko, Oleksandr; **Liivik, Elizaveta** 2017 IEEE 58th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON) : proceedings : Latvia, Riga, 12-13 October, 2017 2017 / [5] p. : ill <https://doi.org/10.1109/RTUCON.2017.8124846>

### **Development of coarse recycled hardmetal reinforced hardfacings = Taaskasutatava jämekõvasulamarmatuuriga kõvapinnete arendus**

**Simson, Taavi** 2018 <https://digi.lib.ttu.ee/i/?9946> [https://www.ester.ee/record=b5054964\\*est](https://www.ester.ee/record=b5054964*est)

### **Development of Estonian welding standards and complementary education of welding engineers**

**Laansoo, Andres; Stepanov, Aleksandr** Welding : Technologies, Equipment, Materials : MET-97 : International Conference : reports and theses 1997 / p. 144-145

### **Diffusion acoustique d'un moyeu et d'une pale**

Cite, Nicolas; Chati, Farid; Leon, Fernand; Maze, Gerard; **Naar, Hendrik; Klauson, Aleksander** 10eme Congres Francais d'Acoustique : Lyon, 12-16 Avril 2010 2010 / [5] p. : ill <https://theses.hal.science/CFA2010-APU12/hal-00537192v1>

### **Diffusion bonding of steels with ceramic and metal composites**

**Kübarsepp, Jakob; Laansoo, Andres; Klaasen, Heinrich** Proceedings of the 2nd International Conference, 27-29th April 2000, Tallinn, Estonia / DAAAM International Vienna, DAAAM National Estonia 2000 / p. 171-174

### **Diffusion welded Al contacts to p-type SiC**

**Korolkov, Oleg; Rang, Toomas;** Syrkina, A.; Dmitriev, V. Silicon Carbide and Related Materials 2002 : ECSCRM2002 2003 / p. 697-700 <https://www.scientific.net/MSF.433-436.697>

### **Diffusion welded contacts and related art applied to semiconductor materials**

**Korolkov, Oleg; Sleptšuk, Natalja; Toompuu, Jana; Rang, Toomas** Elektronika ir elektrotehnika = Electronics and electrical engineering 2011 / p. 67-70 : ill <https://eejournal.ktu.lt/index.php/elt/article/view/359>

### **Diffusion welding and brazing of tungsten free hardmetals**

**Laansoo, Andres; Kübarsepp, Jakob; Klaasen, Heinrich** Proceedings of 7th International Conference "Brazing, High Temperature Brazing and Diffusion Welding" : June 15-17, 2004, Aachen, Germany 2004 / p. 27-30

**Diffusion welding as an alternative for joining cermets (hardmetals) and steels**

**Kübarsepp, Jakob**; Reshetnjak, Heinrich; **Laansoo, Andres** Proceedings of the 3rd International Conference MET-99 on Welding : Technologies, Equipment, Materials, Related Technologies : June 3-4, 1999, Riga, Latvia 1999 / p. 126-129

**Diffusion welding contacts to 6H-SiC substrates**

**Korolkov, Oleg; Rang, Toomas** 43. Internationales Wissenschaftliches Kolloquium, 21.-24.09.1998 1998 / p. 47-48

**Diffusion welding techniques for power SiC Schottky packaging**

**Korolkov, Oleg; Rang, Toomas**; Syrkin, A.; Dmitriev, V. Final program of the 12th International Conference on Silicon Carbide and Related Materials : ICSCRM2005 : Pittsburgh, PA, USA 2005 / p. 71

**Diffusion welding techniques for power SiC Schottky packaging**

**Korolkov, Oleg; Rang, Toomas**; Syrkin, A.; Dmitriev, V. Silicon carbide and related materials 2005 2006 / p. 919-922

**Diffusion welding technology as a method of metallization of ceramic substrates**

**Korolkov, Oleg; Rang, Toomas** BEC'96 : the 5th Biennial Baltic Electronics Conference, October 7-11, 1996, Tallinn, Estonia : proceedings 1996 / p. 479-482: ill

**Diffusion welding technology for 6H-SiC substrates**

**Korolkov, Oleg; Rang, Toomas** BEC'98 : the 6th Biennial Conference on Electronics and Microsystems Technology, October 7-9, 1998, Tallinn, Estonia : proceedings 1998 / p. 251-252: ill

**Diffusion welding technology for wide bandgap materials**

**Rang, Toomas; Korolkov, Oleg** Proceedings of the European COPEX Seminar, June 17-19, 1997, Vienna, Austria 1997 / p. 124-127

**Diffusionsschweissen von Werkstoffen mit unterschiedlichen Eigenschaften = Diffusion welding of different materials = Erinevate materjalide difusioonkeevitus**

**Dahms, Steffen** 2011 <https://digi.lib.ttu.ee/i/?605>

**A digital measuring system for robot welding quality estimation**

**Otto, Tauno; Kurik, Lembit**; Naams, Invar Proceedings of the 3rd International Conference Industrial Engineering - New Challenges to SME : 25-27 April 2002, Tallinn, Estonia 2002 / p. 128-129 : ill

**Dissimilar welding of Al0.1CoCrFeNi high-entropy alloy and AISI304 stainless steel**

Sokkalingam, Rathinavelu; Muthupandi, Veerappan; Sivaprasad, Katakam; **Prashanth, Konda Gokuldoss** Journal of materials research and technology 2019 / p. 2683-2694 : ill <https://doi.org/10.1557/jmr.2019.186> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Dissimilar welding of high-entropy alloy to Inconel 718 superalloy for structural applications**

Sokkalingam, Rathinavelu; Pravallika, B; Sivaprasad, Katakam; Muthupandi, Veerappan; **Prashanth, Konda Gokuldoss** Journal of materials research 2022 / p. 272-283 <https://doi.org/10.1557/s43578-021-00352-w> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Education of welding personal as an element of quality management system according ISOL 9000**

**Stepanov, Aleksandr** International DAAAM : [DAAAM National Estonia] : proceedings of the 1st International Conference, 25-27th September 1997, Tallinn, Estonia 1997 / [4] p. (loose-leaf)

**Education of welding personal as an element of quality management system according ISOL 9000**

**Stepanov, Aleksandr** Welding : Technologies, Equipment, Materials : MET-97 : International Conference : reports and theses 1997 / [4] p. (loose-leaf)

**Eesti Keevitusühing**

**Laansoo, Andres** Kaarleek : Kemppi Oy ja Femker Oy tarbijaleht 1996 / 1, lk. 7; 2, lk. 7 [https://www.ester.ee/record=b5668719\\*est](https://www.ester.ee/record=b5668719*est)

**Eesti Keevitusühing**

**Laansoo, Andres** 10 aastat Eesti Inseneride Liitu : 1988-1998 1998 / lk. 24

**Eesti Mehaanikainseneride Liit. Eesti Keevitusühing. Eesti Materjalitehnika Ühing. Eesti Masinaehitusinseneride Selts. Mehaanikainseneri kutseid omistav organ**

**Kulu, Priit; Laansoo, Andres; Roosimölder, Lembit** Mehaanikateaduskond 2008 2008 / lk. 54-58

**Effect of Local Remelting and Recycled WC-Co Composite Reinforcement Size on Abrasive and Erosive Wear of Manual Arc Welded Hardfacings**

Katinas, Egidijus; **Antonov, Maksim**; Jankauskas, Vytenis; **Goljandin, Dmitri** Coatings 2023 / art. 734

### **Effect of new technology implementation on welding quality and productivity**

**Stepanov, Aleksandr; Laansoo, Andres** Proceedings of the 5th International Conference of DAAAM Baltic : Industrial Engineering - Adding Innovation Capacity of Labour Force and Entrepreneur : 20-22 April 2006, Tallinn, Estonia 2006 / p. 231-236 : ill

### **Effects of stator core welding on an induction machine – measurements and modeling**

Sundaria, Ravi; Daem, Andries; Osemwinyen, Osaruyi; Lehtikainen, Antti; Sergeant, Peter; Arkio, Antero; **Belahcen, Anouar** Journal of Magnetism and Magnetic Materials 2020 / art. 166280 <https://doi.org/10.1016/j.jmmm.2019.166280> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

### **EKÜ pakub keevitustööde kvaliteeti : [Eesti Kevitusühingust, koostöös TTÜga tehtavast keevituskoordineerijate täiendõppest, standarditest ja juhendmaterjalidest]**

**Laansoo, Andres** TKK Teataja : OÜ Tehnokontrollikeskus infoleht 2000 / 3, juuli, lk. 5 : fot

### **Electron microscopy study of contact layers in n-type 4H-SiC after diffusion welding**

**Korolkov, Oleg; Sleptšuk, Natalja;** Sitnikova, A.; **Rang, Toomas** BEC 2008 : 2008 International Biennial Baltic Electronics Conference : proceedings of the 11th Biennial Baltic Electronics Conference : Tallinn University of Technology : October 6-8, 2008, Tallinn, Estonia 2008 / p. 91-94 : ill

### **Electron-beam welding of high-entropy alloy and stainless steel: microstructure and mechanical properties**

Sokkalingam, Rathinavelu; Mastanaiah, P.; Muthupandi, Veerappan; Sivaprasad, Katakam; **Prashanth, Konda Gokuldoss** Materials and manufacturing processes 2020 / p. 1885-1894 <https://doi.org/10.1080/10426914.2020.1802045> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

### **Elektri jootmiskolb isevalmistamiseks**

Olbrei, F. Raadio 1933 / lk. 329-330

### **Elektriga kokkukeetmine**

Tehnika ja Teadus 1933 / lk. 23

### **Elektrikaartule keetmine**

Treu, H. Tehnika Põllumajanduses 1933 / lk. 93-98

### **Elektrikaartule keetmise masinatest**

Treu, H. Tehnika Ajakiri 1933 / lk. 171 : joon

### **Elektrikaartule-keetmise kasutamine**

Treu, H. Tehnika Ajakiri 1933 / lk. 146-148 : joon., fot

### **Elektriline keevitamine väiketööstuses**

Elektrik 1936 / lk. 151-153 : fot

### **Emerging challenges for numerical simulations of quasi-static collision experiments on laser-welded thin-walled steel structures**

Romanoff, Jani; **Kõrgesaar, Mihkel;** Remes, Heikki Journal of marine science and application 2020 / p. 567-583 : ill  
<https://doi.org/10.1007/s11804-020-00174-y> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

### **Ettevaatust keevitamisel**

Käsitööstuskoja Teataja 1940 / lk. 79

### **Euroweld alustas : [keevitusinseneride täiendkoolituse õppejõudude ja koolituseks vajalike õppematerjalide ettevalmistamise projektist, millega jaanuaris 2006 ühines ka TTÜ]**

**Laansoo, Andres** Mente et Manu 2006 / 8. märts, lk. 3 [https://www.ester.ee/record=b1242496\\*est](https://www.ester.ee/record=b1242496*est)

### **Experimental study of surface distortions in silicon carbide caused by diffusion welding**

Mizsei, Janos; **Korolkov, Oleg; Sleptšuk, Natalja; Toompuu, Jana; Rang, Toomas** BEC 2012 : 2012 13th Biennial Baltic Electronics Conference : proceedings of the 13th Biennial Baltic Electronics Conference : October 3-5, 2012, Tallinn, Estonia 2012 / p. 53-56 : ill

### **Formation of large area Al contacts on 6H- and 4H-SiC substrates**

**Korolkov, Oleg; Rang, Toomas** Abstracts of the 3rd European Conference on Silicon Carbide and Related Materials : ECSCRM'2000 : Sept. 3-7, 2000, Kloster Banz, Germany 2000 / p. 188 <https://www.scientific.net/MSF.353-356.603>

### **Friktsioon-jootmetall**

**GaAs based diffusion welded high voltage diode stacks [Electronic resource]**

Toompuu, Jana; Korolkov, Oleg; Sleptsuk, Natalja; Voitovits, Viktor; Rang, Toomas IEEE International Conference on Semiconductor Electronics CD-ROM Proceedings 2010 / [4] p <https://ieeexplore.ieee.org/document/5549505>

**Geotehniliste eritööde tegemine : sulundseinad, kombi-sulundseinad, suure jäikusega seinad = Execution of special geotechnical work : sheet pile walls, combined pile walls, high modulus walls**

2024 [https://www.ester.ee/record=b5713882\\*est](https://www.ester.ee/record=b5713882*est)

**Gesinterte Kupferlegierungen als Material für Elektrokontakte der Schweissmaschinen**

Arensburger, Daniil Tallinna Tehnikaülikooli Toimetised 1994 / lk. 91-100: ill

**Hammasrataste parandus elekterkeevitusega**

Truu, H. Tehnika Kõigile 1936 / lk. 148 : joon

**High quality metal ceramic interfaces using diffusion welding technology**

Korolkov, Oleg; Rang, Toomas Proceedings of the ASDAM'96, Oct. 20-24, 1996, Bratislava, Slovakia 1996 / p. 309-312

**Implementation of robot welding cells using modular approach**

Sarkans, Martinš; Roosimölder, Lembit Estonian journal of engineering 2010 / 4, p. 317-327 : ill

**Implementation of welding quality assurance systems in Estonian metalworking industry**

Stepanov, Aleksandr; Laansoo, Andres Proceedings of the 3rd International Conference Industrial Engineering - New Challenges to SME : 25-27 April 2002, Tallinn, Estonia 2002 / p. 256-259 : ill

**Improvement of productivity in AI welding**

Stepanov, Aleksandr; Laansoo, Andres Proceedings of the 6th International Conference of DAAAM Baltic "Industrial Engineering" : 24-26th April 2008, Tallinn, Estonia. [2] 2008 / p. 363-368 : ill  
<http://innomet.ttu.ee/daaam08/Online/Engineering%20Management/Stepanov.pdf>

**The influence of Laves phase morphology on the mechanical properties of rotary friction welded Inconel 718 fabricated by selective laser melting**

Dinesh, Lanka; Susila, Periyasamy; Prashanth, Konda Gokuldoss; Sivaprasad, Katakam Materials science and engineering : A 2025 / art. 148416 <https://doi.org/10.1016/j.msea.2025.148416>

**Intermediate layer in the metal-silicon carbide contact : investigation of the intermediate layer in the metal-silicon carbide contact obtained by diffusion weldin**

Sleptsuk, Natalja 2012 <https://www.amazon.com/Intermediate-Layer-Metal-Silicon-Carbide-Contact/dp/3848422239>

**Internal stresses in diffusion bonded joints**

Laansoo, Andres; Kübarsepp, Jakob; Saarna, Mart; Klaasen, Heinrich Materials science = Medžiagotyra 2006 / 2, p. 110-113 : ill <https://matssc.ktu.lt/index.php/MatSc/article/view/26413>

**Interpretation of some physical parameters of SiC Schottky interfaces manufactured by diffusion welding technology**

Rang, Toomas; Korolkov, Oleg; Ljutov, Jevgeni Proceedings of the Estonian Academy of Sciences. Engineering 2004 / 3, p. 179-184

**Investigation of additional states in the silicon carbide surface after diffusion welding**

Mizsei, Janos; Korolkov, Oleg; Sleptsuk, Natalja; Toompuu, Jana; Rang, Toomas ICSCRM2011 : Cleveland Ohio, USA, September 11-16, 2011 : abstracts 2011 / p. 356 : ill  
[https://www.researchgate.net/publication/269377410\\_Investigation\\_of\\_Additional\\_States\\_in\\_the\\_Silicon\\_Carbide\\_Surface\\_after\\_Diffusion\\_Welding](https://www.researchgate.net/publication/269377410_Investigation_of_Additional_States_in_the_Silicon_Carbide_Surface_after_Diffusion_Welding)

**Investigation of barrier inhomogeneities and electronic transport on Al-Foil/p-Type-4H-SiCSchottky barrier Diodes using diffusion welding**

Ziko, Mehadi Hasan; Koel, Ants; Rang, Toomas; Rashid, Muhammad Haroon Crystals 2020 / p. 636-647  
<https://doi.org/10.3390/cryst10080636> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

**Investigation of subcontact layers in SiC after diffusion welding**

Korolkov, Oleg; Kuznetsova, Natalja; Sitnikova, A.; Viljus, Mart; Rang, Toomas Silicon carbide and related materials 2007 2009 / p. 647-650

**Investigation of subcontact layers in SiC after diffusion welding**

Korolkov, Oleg; Kuznetsova, Natalja; Sitnikova, A.; Viljus, Mart; Rang, Toomas Silicon carbide and related materials 2007 / p. 100 <https://www.scientific.net/MSF.600-603.647>



## **Investigation of the combined stress and strain situation in diffusion welded rectifying elements**

**Korolkov, Oleg; Rang, Toomas; Kurel, Raido** Surface treatment VI 2003 / p. 307-316 <https://www.witpress.com/eliibrary/wit-transactions-on-engineering-sciences/39/1441>

## **Jalgratta torude jootmisest**

Tehnika Põllumajanduses 1933 / lk. 35-36

## **Joining of CrNi steel and AlMg alloy without interlayers**

Dahms, Steffen; **Kulu, Priit; Veinthal, Renno**; Basler, Ursula Estonian journal of engineering 2010 / 4, p. 273-284 : ill

## **Jootmine**

Kaskneem, A. Käsitööstuskoja Teataja 1940 / lk. 10-12 : joon

## **Jootmine ligipääsmatutel kohtadel**

Raadio 1927 / lk. 171 : joon

## **Jootmisest**

Raadiotehnika 1936 / lk. 312-313

## **Jootmisest tina ja vasega**

Soosaar, H. Tehnika Põllumajanduses 1931 / lk. 38-40

## **Jootmiskolb**

Mootor ja Tehnika 1935 / lk. 489-490

## **Jootmisvedeliku valmistamisest**

Tehnika Põllumajanduses 1933 / lk. 36

## **Kaarleek : Kemppi OY ja Femker OY tarbijaleht**

1995 [https://www.ester.ee/record=b5668719\\*est](https://www.ester.ee/record=b5668719*est)

## **Keevisliited**

**Kriis, Roman; Soonvald, Eugen** 1953 [https://www.ester.ee/record=b1393106\\*est](https://www.ester.ee/record=b1393106*est)

## **Keevisliited ja jootliited : tähistamine joonistel**

2000 [https://www.ester.ee/record=b1400446\\*est](https://www.ester.ee/record=b1400446*est)

## **Keevisõmbuste mittepurustav katsetamine [Võrguteavik] : kapillaarkatse. Aktsepteerimise tasemed = Non-destructive testing of welds : penetrant testing. Acceptance levels (ISO 23277:2015)**

2015 [http://www.ester.ee/record=b4532450\\*est](http://www.ester.ee/record=b4532450*est)

## **Keevisõmbuste mittepurustav katsetamine [Võrguteavik] : katsetamine ultraheliga. Aktsepteerimise tasemed = Non-destructive testing of welds : ultrasonic testing. Acceptance levels (ISO 11666:2010)**

2014 [http://www.ester.ee/record=b4440720\\*est](http://www.ester.ee/record=b4440720*est)

## **Keevisõmbuste mittepurustav katsetamine [Võrguteavik] : katsetamine ultraheliga. Meetodid, katsetamise tasemed ja hindamine = Non-destructive testing of welds : ultrasonic testing. Techniques, testing levels, and assessment (ISO 17640:2010)**

2015 [http://www.ester.ee/record=b4456155\\*est](http://www.ester.ee/record=b4456155*est)

## **Keevisõmbuste mittepurustav katsetamine [Võrguteavik] : magnetpulberkatse. Aktsepteerimise tasemed = Non-destructive testing of welds : magnetic particle testing. Acceptance levels (ISO 23278:2015)**

2015 [http://www.ester.ee/record=b4532453\\*est](http://www.ester.ee/record=b4532453*est)

## **Keevisõmbuste mittepurustav katsetamine [Võrguteavik] : ultraheliga katsetamine. Meetodid, katsetasemed ja hindamine = Non-destructive testing of welds : ultrasonic testing. Techniques, testing levels, and assessment (ISO 17640:2018)**

2018 [https://www.ester.ee/record=b5189262\\*est](https://www.ester.ee/record=b5189262*est)

## **Keevitajate atesteerimine : sulakeevitus. Osa 1, Terased = Qualification test of welders : fusion welding. Part 1, Steels**

2013 [https://www.ester.ee/record=b2908427\\*est](https://www.ester.ee/record=b2908427*est)

## **Keevitajate atesteerimine. Sulakeevitus**

**Laansoo, Andres** 2010 [https://www.ester.ee/record=b2594976\\*est](https://www.ester.ee/record=b2594976*est)

## **Keevitajate atesteerimine. Sulakeevitus**

Laansoo, Andres 2010 [https://www.ester.ee/record=b2595016\\*est](https://www.ester.ee/record=b2595016*est)

## **Keevitajate kvalifitseerimise katse [Võrguteavik] : sulakeevitus. Osa 1, Terased = Qualification testing of welders : fusion welding. Part 1, Steels (ISO 9606-1:2012 including Cor 1:2012 and Cor 2:2013) / Eesti Standardikeskus**

2017 [http://www.ester.ee/record=b4741221\\*est](http://www.ester.ee/record=b4741221*est)

## **Keevitamine : laboratoorsete tööde juhend**

1973 [https://www.ester.ee/record=b1317423\\*est](https://www.ester.ee/record=b1317423*est)

## **Keevitamine : laboratoorsete tööde juhend**

1983 [https://www.ester.ee/record=b1255980\\*est](https://www.ester.ee/record=b1255980*est)

## **Keevitamine : laboratoorsete tööde juhend**

1990 [https://www.ester.ee/record=b1212458\\*est](https://www.ester.ee/record=b1212458*est)

## **Keevitamine : MIG/MAG-keevitus**

Laansoo, Andres 2010 [https://www.ester.ee/record=b2623612\\*est](https://www.ester.ee/record=b2623612*est)

## **Keevitamine : MIG/MAG-keevitus**

Laansoo, Andres 2014 [https://www.ester.ee/record=b3071456\\*est](https://www.ester.ee/record=b3071456*est)

## **Keevitamine : soovitud metallmaterjalide keevitamiseks. Osa 2, Ferriitteraste kaarkeevitus = Welding : recommendations for welding of metallic materials. Part 2, Arc welding of ferritic steels**

2012 [https://www.ester.ee/record=b2889109\\*est](https://www.ester.ee/record=b2889109*est)

## **Keevitamine : soovitud metallmaterjalide keevitamiseks. Osa 3, Roostevabade teraste kaarkeevitus = Welding : recommendations for welding of metallic materials. Part 3, Arc welding of stainless steels**

2012 [https://www.ester.ee/record=b2873974\\*est](https://www.ester.ee/record=b2873974*est)

## **Keevitamine automaatmasinatega**

Selja, R. T 1935 / lk. 60-62

## **Keevitamine ja külgnevad protsessid [Võrguteavik] : keevitusasendid = Welding and allied processes : welding positions (ISO 6947:2019)**

2019 [https://www.ester.ee/record=b5287657\\*est](https://www.ester.ee/record=b5287657*est)

## **Keevitamine ja seonduvad protsessid [Võrguteavik] : sõnastik. Osa 1, Üldterminid = Welding and allied processes : vocabulary. Part 1, General terms (ISO/TR 25901-1:2016)**

2021 [https://www.ester.ee/record=b5368695\\*est](https://www.ester.ee/record=b5368695*est)

## **Keevitamine poolautomaadiga**

Laansoo, Andres Ehitaja 2003 / 10, lk. 60-61 : ill [https://artiklid.elnet.ee/record=b1013730\\*est](https://artiklid.elnet.ee/record=b1013730*est)

## **Keevitamine [Võrguteavik] : metallmaterjalide tihvtkaarkeevitus = Welding : arc stud welding of metallic materials (ISO 14555:2017)**

2021 [https://www.ester.ee/record=b5455705\\*est](https://www.ester.ee/record=b5455705*est)

## **Keevitamine, kõvajoodisjootmine, pehmejoodisjootmine ja termolõikamine : protsesside nomenklatuur ja viitenumbrid = Welding, brazing, soldering and cutting : nomenclature of processes and reference numbers (ISO 4063:2023)**

2024 [https://www.ester.ee/record=b5682835\\*est](https://www.ester.ee/record=b5682835*est)

## **Keevitamise kasud**

Käsitööstuskoja Teataja 1939 / lk. 60

## **Keevitamisest**

Tehnika Kõigile 1937 / lk. 157-160 : fot

## **Keevitamistöõde kursused [Tallinnas : eelteade]**

Tehnika Kõigile 1940 / lk. 99

## **Keevitus ja külgnevad protsessid : soovitud liidete ettevalmistuseks. Osa 1, Teraste käsikaarkeevitus, kaarkeevitus kaitsegaasis, gaaskeevitus, TIG-keevitus ja kiirguskeevitus = Welding and allied processes : recommendations for joint preparation. Part 1, Manual metal-arc welding, gas-shielded metal-arc welding, gas welding, TIG welding and beam welding of steels (ISO 9692-1:2003)**

2012 [https://www.ester.ee/record=b2867061\\*est](https://www.ester.ee/record=b2867061*est)

**Keevitus ja külgnevad protsessid [Võrguteavik] : keevisliidete tähistamine tingmärkidega joonistel = Welding and allied processes : symbolic representation on drawings. Welded joints (ISO 2553:2013)**

2015 [http://www.ester.ee/record=b4478056\\*est](http://www.ester.ee/record=b4478056*est)

**Keevitus ja külgnevad protsessid [Võrguteavik] : protsesside nomenklatuur ja viitenumbrid = Welding and allied processes : nomenclature of processes and reference numbers (ISO 4063:2009, Corrected version 2010-03-01)**

2016 [http://www.ester.ee/record=b4604543\\*est](http://www.ester.ee/record=b4604543*est)

**Keevitus ja külgnevad protsessid [Võrguteavik] : tingmärkidega tähistamine joonistel. Keevisliited = Welding and allied processes : symbolic representation on drawings. Welded joints (ISO 2553:2019)**

2019 [https://www.ester.ee/record=b5234002\\*est](https://www.ester.ee/record=b5234002*est)

**Keevitus ja külgnevad protsessid. Metallide keevisliidete geomeetriliste defektide liigitus**

Laansoo, Andres 2010 [https://www.ester.ee/record=b2594992\\*est](https://www.ester.ee/record=b2594992*est)

**Keevitus ja külgnevad protsessid. Metallide keevisliidete geomeetriliste defektide liigitus**

Üksti, Lembit; Laansoo, Andres; Laurfeld, Toomas 2004 [https://www.ester.ee/record=b1860516\\*est](https://www.ester.ee/record=b1860516*est)

**Keevitus [Võrguteavik] : juhised eelkuumutustemperatuuri, läbimitevahelise temperatuuri ja eelkuumutuse hoidmistemperatuuri määramiseks = Welding : guidance on the measurement of preheating temperature, interpass temperature and preheat maintenance temperature (ISO 13916:2017)**

2017 [http://www.ester.ee/record=b4768949\\*est](http://www.ester.ee/record=b4768949*est)

**Keevitus [Võrguteavik] : terase, nikli, titaani ja nende sulamite sulakeevitusliited (välja arvatud kiirguskeevituse meetodid) ; Kvaliteeditasemed keevitusdefektide järgi = Welding : fusion-welding joints in steel, nickel, titanium and their alloys (beam welding excluded) ; Quality levels for imperfections (ISO 5817:2003)**

2015 [http://www.ester.ee/record=b4502650\\*est](http://www.ester.ee/record=b4502650*est)

**Keevitus. Teras, nikli, titaani ja nende sulamite sulakeevitusliited (välja arvatud kiirguskeevituse meetodid).**

**Kvaliteeditasemed keevitusdefektide järgi = Welding. Fusion-welded joints in steel, nickel, titanium and their alloys (beam welding excluded). Quality levels for imperfections (ISO 5817:2003)**

2011 [https://www.ester.ee/record=b2652603\\*est](https://www.ester.ee/record=b2652603*est)

**Keevituse kvaliteedinõuded metallide sulakeevitusel. Osa 1, Sobiva kvaliteedinõuete taseme valiku kriteeriumid = Quality requirements for fusion welding of metallic materials. Part 1, Criteria for the selection of the appropriate level of quality requirements (ISO 3834-1:2005)**

2011 [https://www.ester.ee/record=b2708243\\*est](https://www.ester.ee/record=b2708243*est)

**Keevituse kvaliteedinõuded metallide sulakeevitusel. Osa 5, Dokumendid, mis on vajalikud kvaliteedinõuete vastavushindamiseks standardi ISO 3834-2, ISO 3834-3 või ISO 3834-4 järgi = Quality requirements for fusion welding of metallic materials. Part 5, Documents with which it is necessary to conform to claim conformity to the quality requirements of ISO 3834-2, ISO 3834-3 or ISO 3834-4 (ISO 3834-5:2005)**

2011 [https://www.ester.ee/record=b2743102\\*est](https://www.ester.ee/record=b2743102*est)

**Keevituse kvaliteedinõuded. Metallide sulakeevitus. Osa 2, Laialdased kvaliteedinõuded = Quality requirements for fusion welding of metallic materials. Part 2, Comprehensive quality requirements (ISO 3834-2:2005)**

2011 [https://www.ester.ee/record=b2670351\\*est](https://www.ester.ee/record=b2670351*est)

**Keevituse laboratoorsete tööde aruanded**

1974 [https://www.ester.ee/record=b2429980\\*est](https://www.ester.ee/record=b2429980*est)

**Keevituse poolautomaadi häälestamine**

Laansoo, Andres Ehitaja 2003 / 9, lk. 54-56 : ill [https://artiklid.elnet.ee/record=b1013482\\*est](https://artiklid.elnet.ee/record=b1013482*est)

**Keevituse vooluallikate valik ja koormatavus**

Laansoo, Andres Kaarleek : Kemppi Oy ja Femker Oy tarbijaleht 1997 / lk. 4-5 [https://www.ester.ee/record=b5668719\\*est](https://www.ester.ee/record=b5668719*est)

**Keevitusmaterjalid : standardid, markeering, koostis, omadused : [käsiraamat]**

1995 [https://www.ester.ee/record=b1068939\\*est](https://www.ester.ee/record=b1068939*est)

**Keevitustehnika**

Laansoo, Andres 1996 [https://www.ester.ee/record=b1058609\\*est](https://www.ester.ee/record=b1058609*est)



## **Keevitustehnoloogia**

**Laansoo, Andres** 2011 [http://www.ester.ee/record=b2738782\\*est](http://www.ester.ee/record=b2738782*est) <https://digikogu.taltech.ee/et/Item/da9f0818-d5d9-4a5e-9355-ed5d225e09f3>

## **Keevitustehnoloogia. 2**

**Laansoo, Andres** 2021 [https://www.ester.ee/record=b5461458\\*est](https://www.ester.ee/record=b5461458*est) <https://digikogu.taltech.ee/et/Item/f0d6a441-2451-402f-bade-cebd9a426305>

## **Keevitustransformaatoritest**

Rava, R. Tehnika Kõigile 1936 / lk. 241-242 : joon

## **Keevitustransformaatoritest**

Rava, R. Õiendus // Samas (1936) 9, lk. 283 : joon

## **Keevitustööd : õppematerjal kutsekoolidele**

**Laansoo, Andres**; Pihl, Toomas 2014 [https://www.ester.ee/record=b4443922\\*est](https://www.ester.ee/record=b4443922*est)

## **Keevitustööde atsetüleeniparaatidest**

Truu, H. Tehnika Kõigile 1938 / lk. 113-116 : joon., fot

## **Keevitustööde koordineerimine : ülesanded ja kohustused = Welding coordination : tasks and responsibilities (ISO 14731:2006)**

2011 [https://www.ester.ee/record=b2670362\\*est](https://www.ester.ee/record=b2670362*est)

## **Keevitustööde kvaliteet ja ehitus**

**Laansoo, Andres** Ehitaja 2001 / 6, lk. 53-54 [https://artiklid.elnet.ee/record=b1006982\\*est](https://artiklid.elnet.ee/record=b1006982*est)

## **Kempomig seeria keevitusseadmed; Multisüsteemsed PSS-seeria keevituse vooluallikad**

**Laansoo, Andres** Kaarleek : Kemppi Oy ja Femker Oy tarbijaleht 1996 / lk. 4-6: ill [https://www.ester.ee/record=b5668719\\*est](https://www.ester.ee/record=b5668719*est)

## **Kinnisliited**

**Arumäe, Heino**; Kleis, Ilmar 1979 [http://www.ester.ee/record=b1282362\\*est](http://www.ester.ee/record=b1282362*est)

## **Kodumaa tehnika edusamm jootlambipäade valmistamise alal**

Krik, A. Tehnika Põllumajanduses 1934 / lk. 16-17 : joon

## **Kohase keevituselektroodi valimisest**

Tedder, O. Tehnika Kõigile 1940 / lk. 217-219

## **Konstruksioonimaterjalide tehnoloogia : metallide keevitamine : õppevahend**

**Valdma, Leo** 1992 [https://www.ester.ee/record=b1063144\\*est](https://www.ester.ee/record=b1063144*est)

## **Kontrollproovimised kaartulekeetmisel**

Treu, H. Tehnika Ajakiri 1933 / lk. 148-150 : joon

## **Kuidas tinutada malmi**

Käsitööstuskoja Teataja 1939 / lk. 177

## **Kõrgsagedusjuhtme tinutamine**

Raadio 1934 / lk. 398

## **Ligipääsmatute juhede tinutamine**

Raadio 1927 / lk. 488 : joon

## **Load-resonant converter with changing resonant tank topology for welding applications**

**Šklovski, Jevgeni**; **Janson, Kuno**; **Kallaste, Ants** USB proceedings : IECON 2012 - 38th Annual Conference on IEEE Industrial Electronics Society, Montreal, Canada, 25-28 October, 2012 2012 / p. 517-523 : ill <https://ieeexplore.ieee.org/document/6388771>

## **Malmi keevitamine**

**Laansoo, Andres** Kaarleek : Kemppi Oy ja Femker Oy tarbijaleht 1997 / lk. 8 [https://www.ester.ee/record=b5668719\\*est](https://www.ester.ee/record=b5668719*est)

## **Malmi keevitamisest**

Tehnika Kõigile 1940 / lk. 285-287 : joon., fot

## **Masinakulumise kohad vastupidavaks elekterkeevituse teel**

Truu, H. Tehnika Põllumajanduses 1935 / lk. 162-164

**["Metallide keetmine" : J. Veruse ja ins. Ottensoni ettekannetest E.I.Ü. ruumes]**

Tehnika Ajakiri ja Auto 1932 / lk. 72

**Metallide keetmine elektri kaartulega ja tarvitavad vooluallikad**

Ottenson, A. Tehnika Ajakiri ja Auto 1932 / lk. 217-221 : joon., fot

**Metallide keetmise proovimisi Eestis**

Veerus, J. Tehnika Ajakiri ja Auto 1932 / lk. 210-216 : joon., fot

**Metallide keetmisest**

Treu, H. Tehnika Põllumajanduses 1933 / 4, lk. 76-79; (1934) 4, lk. 151-164; (1935) 1, lk. 35-38

**Metallide keevitusprotseduuride spetsifitseerimine ja atesteerimine**

Tallermo, Harri 1998 [https://www.ester.ee/record=b1060921\\*est](https://www.ester.ee/record=b1060921*est)

**Metallide keevitusprotseduuride spetsifitseerimine ja atesteerimine : keevitusprotseduuri katse. Osa 1, Teraste gaas- ja kaarkeevitus ning nikli ja niklisulamite kaarkeevitus = Specification and qualification of welding procedures for metallic materials : welding procedure test. Part 1, Arc and gas welding of steels and arc welding of nickel and nickel alloys (ISO 15614-1:2004+A1:2008)**

2011 [https://www.ester.ee/record=b2730238\\*est](https://www.ester.ee/record=b2730238*est)

**Metallide keevitusprotseduuride spetsifitseerimine ja atesteerimine : keevitusprotseduuri katse. Osa 2, Alumiiniumi ja selle sulamite kaarkeevitus = Specification and qualification of welding procedures for metallic materials : welding procedure test. Part 2, Arc welding of aluminium and its alloys (ISO 15614-2:2005)**

2011 [https://www.ester.ee/record=b2730254\\*est](https://www.ester.ee/record=b2730254*est)

**Metallide keevitusprotseduuride spetsifitseerimine ja atesteerimine. Keevitusprotseduuri katse. Osa 1, Teraste gaas- ja kaarkeevitus ning nikli ja niklisulamite kaarkeevitus = Specification and qualification of welding procedures for metallic materials. Welding procedure test. Part 1, Arc and gas welding of steels and arc welding of nickel and nickel alloys (ISO 15614-1:2004+A1:2008+A2:2012)**

2013 [https://www.ester.ee/record=b2908512\\*est](https://www.ester.ee/record=b2908512*est)

**Metallide keevitusprotseduuride spetsifitseerimine ja atesteerimine [Võrguteavik] : keevitusprotseduuri katse. Osa 1, Teraste kaar- ja gaaskeevitus ning nikli ja niklisulamite kaarkeevitus = Specification and qualification of welding procedures for metallic materials : welding procedure test. Part 1, Arc and gas welding of steels and arc welding of nickel and nickel alloys (ISO 15614-1:2017, Corrected version 2017-10-01)**

2018 [https://www.ester.ee/record=b5145002\\*est](https://www.ester.ee/record=b5145002*est)

**Metallide keevitusprotseduuride spetsifitseerimine ja atesteerimine. Osa 3, Keevitusprotseduuri katsed teraste kaarkeevitusel**

Tallermo, Harri 1998 [https://www.ester.ee/record=b1060920\\*est](https://www.ester.ee/record=b1060920*est)

**Metallide keevitusprotseduuride spetsifitseerimine ja kvalifitseerimine [Võrguteavik] : keevitusprotseduuri katse. Osa 1, Teraste kaar- ja gaaskeevitus ning nikli ja niklisulamite kaarkeevitus = Specification and qualification of welding procedures for metallic materials : welding procedure test. Part 1, Arc and gas welding of steels and arc welding of nickel and nickel alloys (ISO 15614-1:2017, Corrected version 2017-10-01+ISO 15614-1:2017/Amd 1:2019)**

2019 [https://www.ester.ee/record=b5272359\\*est](https://www.ester.ee/record=b5272359*est)

**Metallide keevitusprotseduuride spetsifitseerimine ja kvalifitseerimine [Võrguteavik] : üldreeglid = Specification and qualification of welding procedures for metallic materials : general rules (ISO 15607:2019)**

2019 [https://www.ester.ee/record=b5295429\\*est](https://www.ester.ee/record=b5295429*est)

**Metallide sulakeevituse kvaliteedinõuded. Osa 1, Sobiva kvaliteedinõuete taseme valiku kriteeriumid [Võrguteavik] = Quality requirements for fusion welding of metallic materials. Part 1, Criteria for the selection of the appropriate level of quality requirements (ISO 3834-1:2021)**

2021 [https://www.ester.ee/record=b5467471\\*est](https://www.ester.ee/record=b5467471*est)

**Metallide sulakeevituse kvaliteedinõuded. Osa 2, Laialdased kvaliteedinõuded [Võrguteavik] = Quality requirements for fusion welding of metallic materials. Part 2, Comprehensive quality requirements (ISO 3834-2:2021)**

2021 [https://www.ester.ee/record=b5435693\\*est](https://www.ester.ee/record=b5435693*est)

**Metallide sulakeevituse kvaliteedinõuded. Osa 3, Standardised kvaliteedinõuded [Võrguteavik] = Quality requirements for fusion welding of metallic materials. Part 3, Standard quality requirements (ISO 3834-3:2021)**

2021 [https://www.ester.ee/record=b5436439\\*est](https://www.ester.ee/record=b5436439*est)

**Metallide sulakeevituse kvaliteedinõuded. Osa 4, Elementaarsed kvaliteedinõuded [Võrguteavik] = Quality requirements for fusion welding of metallic materials. Part 4, Elementary quality requirements (ISO 3834-4:2021)**

2021 [https://www.ester.ee/record=b5436443\\*est](https://www.ester.ee/record=b5436443*est)

#### **Metallide šveisimine**

Eesti Metalist : metallitööstuse käsiraamat 1934 1934 / lk. 23, 25

#### **Metallisääst keevitamise läbi**

Truu, H. Tehnika Ajakiri 1940 / lk. 107-111 : fot

#### **Metalliõpetus ja metallide tehnoloogia**

Kulu, Priit; Kübarsepp, Jakob; Laansoo, Andres; Pirso, Jüri; Valdma, Leo 2001 [https://www.ester.ee/record=b1526273\\*est](https://www.ester.ee/record=b1526273*est)

#### **Metalliõpetus ja metallide tehnoloogia**

Kulu, Priit; Kübarsepp, Jakob; Laansoo, Andres; Pirso, Jüri; Valdma, Leo 2001 [https://www.ester.ee/record=b1526274\\*est](https://www.ester.ee/record=b1526274*est)

#### **Metalliõpetus ja metallide tehnoloogia. III, Keevitus. Termolõikamine. Jootmine. Termopindamine : eesti-inglise-saksa-vene terminid ja määratlused**

1999 [https://www.ester.ee/record=b1059860\\*est](https://www.ester.ee/record=b1059860*est)

#### **Metallnõude parandamisest**

Tehnika Põllumajanduses 1935 / lk. 75-77

#### **Metallsete materjalide keevisliidete purustav katsetamine [Võrguteavik] : löökpaindekatsed. Katsekehade asukoht, soone asend ja uurimine = Destructive tests on welds in metallic materials : impact tests. Test specimen location, notch orientation and examination (ISO 9016:2012)**

2019 [https://www.ester.ee/record=b5199009\\*est](https://www.ester.ee/record=b5199009*est)

#### **Metallsete materjalide keevisõmbuste purustav katsetamine : keevisõmbuste makroskoopiline ja mikroskoopiline uuring = Destructive tests on welds in metallic materials : macroscopic and microscopic examination of welds (ISO 17639:2022)**

2022 [https://www.ester.ee/record=b5507297\\*est](https://www.ester.ee/record=b5507297*est)

#### **Metallsete materjalide keevisõmbuste purustav katsetamine : löökpaindekatsed. Katsekehade asukoht, soone asend ja uurimine = Destructive tests on welds in metallic materials : impact tests. Test specimen location, notch orientation and examination (ISO 9016:2022)**

2024 [https://www.ester.ee/record=b5678158\\*est](https://www.ester.ee/record=b5678158*est)

#### **Metallsete materjalide keevisõmbuste purustav katsetamine : paindekatsed = Destructive tests on welds in metallic materials : bend tests (ISO 5173:2023)**

2024 [https://www.ester.ee/record=b5678083\\*est](https://www.ester.ee/record=b5678083*est)

#### **Metallsete materjalide keevisõmbuste purustav katsetamine : ristsuunalised tõmbekatsed = Destructive tests on welds in metallic materials : transverse tensile test (ISO 4136:2022)**

2024 [https://www.ester.ee/record=b5678037\\*est](https://www.ester.ee/record=b5678037*est)

#### **Metallsete materjalide keevisõmbuste purustav katsetamine [Võrguteavik] : paindekatsed = Destructive tests on welds in metallic materials : bend tests (ISO 5173:2009+ISO 5173:2009/Amd 1:2011)**

2019 [https://www.ester.ee/record=b5225904\\*est](https://www.ester.ee/record=b5225904*est)

#### **Methodology for configuration of robot welding cell for SMEs under conditions of small and medium sized production using MIG/MAG process**

Talalaev, Robert; Sarkans, Martinš; Laansoo, Andres; Veinthal, Renno Proceedings of the 8th International Conference of DAAAM Baltic Industrial Engineering, 19-21st April 2012, Tallinn, Estonia. 2 2012 / p. 591-596 : ill

#### **Microstructural and mechanical behaviour of friction welded SS316L components fabricated by selective laser melting**

Dinesh, Lanka; Damodaram, R.; Sivaprasad, Katakam; Prashanth, Konda Gokuldoss Materials today communications 2023 / art. 107430 <https://doi.org/10.1016/j.mtcomm.2023.107430> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

#### **Mis on arcatom-keevitus?**

Tehnika Kõigile 1938 / lk. 281-282 : joon., fot

#### **Modeling of microstructures and analysis of abrasive wear of arc-welded Hadfield steel**

Jankauskas, Vytenis; Choteborsky, R.; Antonov, Maksim; Katinas, Egidijus Journal of friction and wear 2018 / p. 78-84 : ill <https://doi.org/10.3103/S1068366618010142> Journal metrics at Scopus Article at Scopus Article at WOS

**Modern welding technology and quality assurance in Estonian industry**

**Laansoo, Andres; Stepanov, Aleksandr; Päärsoo, Riho** Proceedings of the Third National DAAAM Conference in Estonia : SCIENCE '98 1998 / p. 97-98

**Multicell-type current regulator based on Cuk converter for resistance welding**

Verbytskyi, Ievgen; Bondarenko, Oleksandr; **Vinnikov, Dmitri** 2017 IEEE 58th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON) : proceedings : Latvia, Riga, 12-13 October, 2017 2017 / [6] p. : ill <https://doi.org/10.1109/RTUCON.2017.8124844>

**Murtud vaskasjade kinnijootmisest**

Tehnika Põllumajanduses 1933 / lk. 35

**Mõnda metallide keetmisest (šveisimisest)**

Treu, H. Tehnika Ajakiri 1933 / lk. 24-26

**Nano- and Micro-Scale simulations of Ge/3C-SiC and Ge/4H-SiC NN-heterojunction diodes**

**Rashid, Muhammad Haroon; Koel, Ants; Rang, Toomas** Silicon Carbide and Related Materials 2019 : 18th International Conference on Silicon Carbide and Related Materials 2019 (ICSCRM 2019), Kyoto, Japan, September 29 - October 4, 2019 Materials science forum 2020 / p. 490-496 <https://doi.org/10.4028/www.scientific.net/MSF.1004.490> [Conference proceedings at Scopus](#) [Article at Scopus](#)

**Nano and micro-scale simulations of Si/4H-SiC and Si/3C-SiC NN-heterojunction diodes**

**Rashid, Muhammad Haroon; Koel, Ants; Rang, Toomas** Silicon Carbide and Related Materials 2018 : 12th European Conference on Silicon Carbide and Related Materials (ECSCRM 2018) : Selected, peer reviewed papers from the European Conference on Silicon Carbide and Related Materials (ECSCRM 2018), September 2-6, 2018, Birmingham, UK 2019 / p. 357-361 <https://doi.org/10.4028/www.scientific.net/MSF.963.357> [Conference proceeding at Scopus](#) [Article at Scopus](#)

**Numerical analysis of the influence of deep energy level traps in SiC Schottky structures**

**Koel, Ants; Rang, Toomas; Rang, Galina** High performance structure and materials. VI 2012 / p. 439-448 : ill

**O. Haarmann'i mehaanika ja metallide kokkukeetmise tööstus : [Tallinn, Telliskivi tn. 12]**

Eesti tööstus ja kaubandus : VIII Näitus-Messi tähe all 1932 / lk. 27

**Performance of ceramic-metal composites as tool materials for friction stir welding = Keraamilis-metalsed komposiidid otshöördekeevituse tööriista materjalidena**

**Kolnes, Mart** 2020 [https://www.ester.ee/record=b5391663\\*est](https://www.ester.ee/record=b5391663*est) <https://digikogu.taltech.ee/et/Item/407d051a-6584-41fe-8c27-2ddcbcd8d902>

**Piimatalitus-riistade tinutus : [pastöörde]**

Puusep, L. Piimandus 1928 / lk. 236-237 : fot

**Praktilised näpunäited majapidamises : [emailleeritud katelde ja keedunõude parandamine tinutamisega; vedela liimi valmistamine]**

Eesti Tehnika Seltsi Ajakiri 1920 / lk. 9-10

**Praktilised näpunäited majapidamises ja tööstuses : [emailleeritud katelde ja keedunõude parandamine]**

Rahvamajanduse Teataja 1921 / lk. [3]

**Preliminary investigation of diffusion welded contacts to p-type 6H-SiC**

**Korolkov, Oleg; Rang, Toomas;** Kuznetsova, Natalja; Ruut, Jana BEC 2002 : proceedings of the 8th Biennial Baltic Electronics Conference : October 6-9, 2002, Tallinn, Estonia 2002 / p. 55-56 : ill

**Programming time estimation and production planning steps on welding robot cells in SME-s**

**Sarkans, Martinš; Eerme, Martin** Annals of DAAAM for 2011 & proceedings of the 22nd International DAAAM Symposium "Intelligent Manufacturing & Automation : Power of Knowledge and Creativity" : 23-26 November 2011, Vienna, Austria 2011 / p. 1485-1486 : ill [https://www.researchgate.net/publication/289353214\\_Programming\\_time\\_estimation\\_and\\_production\\_planning\\_steps\\_on\\_welding\\_robot\\_cells\\_in\\_SME-S](https://www.researchgate.net/publication/289353214_Programming_time_estimation_and_production_planning_steps_on_welding_robot_cells_in_SME-S)

**PTA welding cladding for wear and corrosion protection**

**Zimakov, Sergei;** Keränen, M. Abstracts of 6th Powder Metallurgy RAMPD Net Work Seminar : 29-30 Jan. 2004, Tampere 2004 / p. ?

**Pukside jootmine**

Raadio 1927 / lk. 49

### **Pöördväljatrafoga keevitusagregaat**

**Zonov, A.; Reiner, Ardi** XXIX vabariiklik üliõpilaste teaduslik- tehniline konverents 30. märtsist - 1. aprillini 1977 : ettekannete teesid 1977 / lk. 65 [https://www.ester.ee/record=b2449987\\*est](https://www.ester.ee/record=b2449987*est)

### **Raudnõu jootmise läbi tekkinud plahvatus**

Eesti Tehnika Seltsi Ajakiri 1920 / lk. 118

### **Raudteel keeb teras : [8. okt. viisid EVR Koehne AS töömehed läbi raudteerööbaste demonstratsioonkeevituse, järgnes katsetamine TTÜ Katsekoja mehaanikaboris]**

**Veinthal, Renno** Mente et Manu 2002 / 22. okt., lk. 4 : fot [https://www.ester.ee/record=b1242496\\*est](https://www.ester.ee/record=b1242496*est)

### **Reactive power compensation for spot welding machine using thyristor switched capacitor**

**Kallaste, Ants; Kütt, Lauri; Bolgov, Viktor; Janson, Kuno** 6th International Conference "2008 Power Quality and Supply Reliability" : August 27-29, 2008 : Pärnu, Estonia : conference proceedings 2008 / p. 241-245 : ill

### **Reliability of dual compounds "carbide composite+steel" produced by diffusion welding**

**Klaasen, Heinrich; Kübarsepp, Jakob; Laansoo, Andres; Viljus, Mart** International journal of refractory metals and hard materials 2010 / 5, p. 580-586 : ill

### **Revolutsioon metallide kokkukeete alal**

Eesti Raudtee 1927 / lk. 182-183 : fot

### **Sepakeevitus**

Teadus ja Tehnika 1941 / lk. 184-186 : joon., fot

### **Shveisitud sillad**

Lunin, M. T 1935 / lk. 5-10 : joon., fot

### **SIC schottky diode rectifier bridge represented as the diffusion-welded stack**

**Korolkov, Oleg; Land, Raul; Sleptšuk, Natalja; Toompuu, Jana; Rang, Toomas** 11th European Conference on Silicon Carbide and Related Materials : September 25-29, 2016, Porto Carras Grand Resort, Halkidiki, Greece : [poster session] 2016 / p. 42

### **Silicon carbide - new challenge for power semiconductor devices**

**Rang, Toomas; Rang, Galina** 2nd International Symposium "Topical Problems of Education in the Field of Electrical and Power Engineering" : Kuressaare, Estonia, January 17-22, 2005 2005 / p. 36-42 : ill

### **Simulation of deep energy traps to explain the VAC temperature dependence anomaly of diffusion welded Schottky contacts**

**Koel, Ants; Rang, Toomas; Rang, Galina** ICSCRM2011 : Cleveland Ohio, USA, September 11-16, 2011 : abstracts 2011 / p. 340 : ill

### **Some of comparative properties of diffusion welded contacts to 6H- and 4H-silicon carbide**

**Korolkov, Oleg; Rang, Toomas** International Conference on Silicon Carbide and Related Materials 2001 - ICSCRM2001 - October 28-November 2, 2001 (Epochal Tsukuba, Ibaraki, Japan) : technical digest 2001 / p. 625-626 : ill  
[https://www.researchgate.net/publication/250340293\\_Some\\_Comparative\\_Properties\\_of\\_Diffusion-Welded\\_Contacts\\_to\\_6H\\_and\\_4H\\_Silicon\\_Carbide](https://www.researchgate.net/publication/250340293_Some_Comparative_Properties_of_Diffusion-Welded_Contacts_to_6H_and_4H_Silicon_Carbide)

### **Structure and properties of HVOF-sprayed and PTA-welded cermet hard phase reinforced Fe-matrix based coatings**

**Kulu, Priit; Zikin, Arkadi; Surženkov, Andrei; Tarbe, Riho** 2nd Mediterranean Conference & New Challenges on Heat Treatment and Surface Engineering : Dubrovnik-Cavtat, Croatia, 11-14 June 2013 2013 / p. 37-44  
<https://www.inderscienceonline.com/doi/abs/10.1504/IJMM.2014.061054>

### **Sveisimise tarvitamine aurukatelde parandamisel ja ehitamisel Eestis**

Eesti Tehnilise Järelevalve Seltsi 1927. aasta tegevuse aruanne 1928 / lk. 11-13

### **Technological impact on wear resistant multiphase hardfacings**

Badisch, Ewald; Katsich, Christian; **Zikin, Arkadi** 15th Nordic Symposium on Tribology - NordTrib 2012 : 12-15 June, 2012, Trondheim, Norway : [proceedings] 2012 / 6 p. : ill

### **Terase ja raua kokkukeetmine**

Lutsar, J. Auto 1936 / lk. 52-54 : joon

### **Terase kaarkeevitusliited : kvaliteeditasemete määramine keevitusvigade järgi**

2000 [http://www.ester.ee/record=b1400416\\*est](http://www.ester.ee/record=b1400416*est)

### **Teraskonstruktsioonide ja alumiiniumkonstruktsioonide valmistamine. Osa 3, Tehnilised nõuded**



**alumiiniumkonstruktsioonidele = Execution of steel structures and aluminium structures. Part 3, Technical requirements for aluminium structures**

2010 [https://www.ester.ee/record=b2638692\\*est](https://www.ester.ee/record=b2638692*est)

**Teraskonstruktsioonide valmistamine**

Loorits, Kalju; Kulbach, Valdek 2003 [https://www.ester.ee/record=b1799336\\*est](https://www.ester.ee/record=b1799336*est)

**Teraskonstruktsioonide valmistamine**

Loorits, Kalju; Kulbach, Valdek 2003 [https://www.ester.ee/record=b1799374\\*est](https://www.ester.ee/record=b1799374*est)

**Teraskonstruktsioonide valmistamine**

Loorits, Kalju; Kulbach, Valdek 2003 [https://www.ester.ee/record=b1799379\\*est](https://www.ester.ee/record=b1799379*est)

**Teraskonstruktsioonide valmistamine**

Kulbach, Valdek; Loorits, Kalju 2003 [https://www.ester.ee/record=b1806955\\*est](https://www.ester.ee/record=b1806955*est)

**Testing of rail welds**

Päärsoo, Riho; Saarna, Mart Engineering Materials & Tribology : BALTMATTRIB - 2003 : 12th International Baltic Conference : October 2-3, 2003, Tallinn, Estonia : abstracts 2003 / p. 58

**The basic parameters of diffusion welded Al Schottky contacts to p- and n-SiC**

Korolkov, Oleg; Ruut, Jana; Kuznetsova, Natalja; Rang, Toomas Silicon Carbide and Related Materials 2003 2004 / p. 857-860  
<https://doi.org/10.4028/www.scientific.net/MSF.457-460.857>

**The measurement and tuning of SiC diode voltage doubler represented as diffusion-welded stack [Online resource]**

Toompuu, Jana; Sleptšuk, Natalja; Land, Raul; Korolkov, Oleg; Rang, Toomas BEC 2018 : 2018 16th Biennial Baltic Electronics Conference (BEC) : proceedings of the 16th Biennial Baltic Electronics Conference, October 8-10, 2018 2018 / 4 p.: ill  
<https://doi.org/10.1109/BEC.2018.8600963>

**The Schottky parameter test for combined diffusion welded and sputter large area contacts**

Korolkov, Oleg; Kuznetsova, Natalja; Rang, Toomas; Syrkin, A.; Dmitriev, V. Silicon carbide and related materials 2007 / p. 737-740  
<https://www.scientific.net/MSF.556-557.737>

**The specificity of solid-phase interaction of aluminium with silicon carbide in the manufacture of diffusion-welded contacts to semiconductor devices**

Sleptšuk, Natalja; Korolkov, Oleg; Toompuu, Jana; Rang, Toomas; Mikli, Valdek Elektronika ir elektrotehnika = Electronics and electrical engineering 2012 / p. 45-48 : ill  
<https://eejournal.ktu.lt/index.php/elt/article/view/2610>

**Tinutamine ja jootmine**

Mihkelson, A. Raadio 1934 / lk. 400-401 : joon

**Tinutamine ja jootmine**

Mootor ja Tehnika 1935 / lk. 196-201

**Tinutamise vedelik**

Drogistide Teataja 1930 / 6, 1 lk

**Tinutamislamp**

Raadio 1927 / lk. 256 : joon

**Tinutamistööd talus**

Uus Talu 1934 / lk. 372-374

**Tudengid leiutasid keevitusagregaadi**

Voropajeva, Niina Põhjarannik 2011 / lk. 7 : ill

**2 switch forward inverter for parallel-series resonance alternating (PSA) converter for supplying electric welding arc**

Niilo, Helar; Vaimann, Toomas 10th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology II : Pärnu, Estonia, January 10-15, 2011 2011 / p. 140-144 : ill

**Uudiskirjandus**

Laansoo, Andres Kaarleek : Kemppi Oy ja Femker Oy tarbijaleht 1996 / lk. 14 [https://www.ester.ee/record=b5668719\\*est](https://www.ester.ee/record=b5668719*est)

**Uus elektriline keevitusviis**

Tehnika Kõigile 1940 / lk. 18-19 : joon., fot

### **[Uus jootmise talitusviis "Ferro-Cyan"]**

Tee ja Tehnika 1928 / lk. 72

### **Uus tinutamise viis**

Käsitööstuskoja Teataja 1939 / lk. 38

### **Uut süsteemi tööriistad metalli autogeensilise kokkukeetmise alal**

Eesti Tehnika Seltsi Ajakiri 1919 / lk. 107

### **Wear behavior of ceramic-metal composites as tool material for FSW of copper**

Kolnes, Mart; Kübarsepp, Jakob; Sergejev, Fjodor; Kolnes, Märt; Tarraste, Marek; Viljus, Mart Solid state phenomena ; 320 2021 / p. 144–149 <https://doi.org/10.4028/www.scientific.net/SSP.320.144> [Conference proceedings at Scopus](#) [Article at Scopus](#)

### **Wear of potential tool materials for aluminium alloys friction stir welding at weld temperatures**

Kolnes, Mart; Kübarsepp, Jakob; Sergejev, Fjodor; Kolnes, Märt Proceedings of the Estonian Academy of Sciences 2019 / p. 198–206 : ill <https://doi.org/10.3176/proc.2019.2.12> [http://www.kirj.ee/public/proceedings\\_pdf/2019/issue\\_2/proc-2019-2-198-206.pdf](http://www.kirj.ee/public/proceedings_pdf/2019/issue_2/proc-2019-2-198-206.pdf) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Welding quality and productivity in Al welding in Estonian enterprises [Electronic resource]**

Stepanov, Aleksandr; Laansoo, Andres Theses and reports of 5th International Conference "Metals, Welding and Power Metallurgy" : MET2007 : Jurmala, September 13-14.2007 2007 / ? p. [CD-ROM]

### **Welding quality model and performance measurement**

Stepanov, Aleksandr; Laansoo, Andres Engineering Materials & Tribology : BALTMATTRIB - 2003 : 12th International Baltic Conference : October 2-3, 2003, Tallinn, Estonia : abstracts 2003 / p. 52-53

### **Welding robot cell implementation in SME-s using modular approach - case study**

Sarkans, Martinš; Roosimölder, Lembit Proceedings of the 7th International Conference of DAAAM Baltic Industrial Engineering : 22-24th April 2010, Tallinn, Estonia. [II] 2010 / p. 578-583

### **Исследование работы узлов ферм из гнутосварных прямоугольных замкнутых профилей**

Loorits, Kalju; Mänd, Urmas Техническая диагностика в строительстве и возможности использования эффективных строительных материалов и конструкций : тезисы докладов 1-го Республиканского научно-практического семинара, окт. 1986 г. 1986 / с. 34

### **Исследование статической работы стальных ферм из гнутосварных прямоугольных профилей (ГСП)**

Loorits, Kalju; Mänd, Urmas Теория и расчет тонкостенных пространственных конструкций 1986 / с. 29-40

### **Качество сварочных работ и строительство**

Laansoo, Andres Строитель 2001 / 4, с. 36-37 [https://artiklid.elnet.ee/record=b1007964\\*est](https://artiklid.elnet.ee/record=b1007964*est)

### **Отчеты по лабораторным работам по разделу сварки курса "..."**

1975 [https://www.ester.ee/record=b2465079\\*est](https://www.ester.ee/record=b2465079*est)

### **Порошковые дисперсионно-твердеющие сплавы на основе меди : работа на соискую степ. магистра техн. наук**

Letunovitš, Sergei 1992 [https://www.ester.ee/record=b2631161\\*est](https://www.ester.ee/record=b2631161*est)

### **Руководства к лабораторным работам по сварке**

1980 [https://www.ester.ee/record=b1338530\\*est](https://www.ester.ee/record=b1338530*est)

### **Руководство к лабораторным работам по сварке**

1969 [https://www.ester.ee/record=b1393579\\*est](https://www.ester.ee/record=b1393579*est)

### **Руководство к лабораторным работам по сварке**

1988 [https://www.ester.ee/record=b1298941\\*est](https://www.ester.ee/record=b1298941*est)

### **Сварка : учебное пособие с элементами программированного контроля. 1, Электрическая дуговая сварка**

Randmer, Uudus-Gerhard 1971 [https://www.ester.ee/record=b1421381\\*est](https://www.ester.ee/record=b1421381*est)

### **Сварка : учебное пособие с элементами программированного контроля. 2**

Randmer, Uudus-Gerhard 1973 [https://www.ester.ee/record=b1331428\\*est](https://www.ester.ee/record=b1331428*est)

### **Технология металлов и конструкционных материалов**

1989 [https://www.ester.ee/record=b1224620\\*est](https://www.ester.ee/record=b1224620*est)

**Усовершенствование технологии и конструкции диодов Д143-2000 с применением диффузионной сварки**

Vaher, G.; Karuks, O.; Kruus, J.; Surženkov, G.; Tarma, M.; **Tarma, Mati** Технология силовых полупроводниковых приборов : сборник статей 1987 / с. 134-138 : ил., табл [https://www.ester.ee/record=b1353933\\*est](https://www.ester.ee/record=b1353933*est)