

**Acoustic scattering by a fluid-loaded cylindrical shell with an internal plate**

**Klauson, Aleksander; Metsaveer, Jaan;** Baillard, Andre; Decultot, Dominique; Maze, Gerard The Journal of the Acoustical Society of America 1996 / no. 4, pt. 2, p. 2544 [https://pubs.aip.org/asa/jasa/article/99/4\\_Supplement/2544/703216/Acoustic-scattering-by-a-fluid-loaded-cylindrical](https://pubs.aip.org/asa/jasa/article/99/4_Supplement/2544/703216/Acoustic-scattering-by-a-fluid-loaded-cylindrical)

**Acoustic scattering by immersed circular cylindrical shell stiffened by internal lengthwise rib**

Maze, Gerard; Decultot, Dominique; **Klauson, Aleksander; Metsaveer, Jaan** The Journal of the Acoustical Society of America 1994 / 5, Pt. 2, p. 2868

**Acoustic scattering from fluid-loaded stiffened cylindrical shell : analysis using elasticity theory**

Baillard, Andre; Conoir, Jean-Marc; Decultot, Dominique; Maze, Gerard; **Klauson, Aleksander; Metsaveer, Jaan** The Journal of the Acoustical Society of America 2000 / 6, p. 3208-3216 : ill

**An experimental study on the effects of matrix cracking to the stiffness of glass/epoxy cross plied laminates**

**Lasn, Kaspar;** Echtermeyer, Andreas T.; **Klauson, Aleksander;** Chati, Farid; Decultot, Dominique Composites. Part B: Engineering 2015 / p. 260-268 : ill <https://doi.org/10.1016/j.compositesb.2015.06.005> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Analysis of acoustic scattering at variable incidences from an extra thin cylindrical shells bounded by hemispherical endcaps**

Touraine, Nicolas; Haumesser, Lionel; Decultot, Dominique; Maze, Gerard; **Klauson, Aleksander; Metsaveer, Jaan** The Journal of the Acoustical Society of America 2000 / 5, p. 2187-2196

**Analysis of acoustic scattering of an obliquely incident wave by extra thin finite cylindrical shells**

Touraine, Nicolas; Haumesser, Lionel; Decultot, Dominique; Maze, Gerard; **Klauson, Aleksander; Metsaveer, Jaan** 7th International Congress on Sound and Vibration : 4-7 July 2000, Garmisch-Partenkirchen, Germany 2000 / p. 1449-1456 : ill

**Comparison of laminate stiffness as measured by three experimental methods**

**Lasn, Kaspar;** Echtermeyer, Andreas T.; **Klauson, Aleksander;** Chati, Farid; Decultot, Dominique Polymer testing 2015 / p. 143-152 : ill <https://doi.org/10.1016/j.polymertesting.2015.04.006> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Effect of internal inhomogeneities on acoustic scattering from finite cylindrical shell bounded by hemispherical endcaps**

Touraine, Nicolas; Decultot, Dominique; Maze, Gerard; **Klauson, Aleksander; Metsaveer, Jaan** The Journal of the Acoustical Society of America 1999 / 2, pt. 2, p. 1088 [https://pubs.aip.org/asa/jasa/article/105/2\\_Supplement/1088/556970/Effect-of-internal-inhomogeneities-on-acoustic](https://pubs.aip.org/asa/jasa/article/105/2_Supplement/1088/556970/Effect-of-internal-inhomogeneities-on-acoustic)

**Experimental analysis of acoustic scattering from lengthwise soldered cylindrical shells**

Chiumia, Jeremiah; Touraine, Nicolas; Decultot, Dominique; Maze, Gerard; **Klauson, Aleksander; Metsaveer, Jaan** The Journal of the Acoustical Society of America 1999 / 1, p. 183-193

**Experimental and theoretical study of the sound scattering by the axial ribbed cylindrical shell**

**Klauson, Aleksander;** Decultot, Dominique; Maze, Gerard; **Metsaveer, Jaan** 2nd European Conference on Underwater Acoustics : proceedings. Vol. 1 1994 / p. 153-158: ill

**Experimental and theoretical study of the sound scattering by the axially ribbed cylindrical shell**

**Klauson, Aleksander; Metsaveer, Jaan;** Decultot, Dominique; Maze, Gerard II European Conference on Underwater Acoustics, Copenhagen, 4.06.-6.06.1994 1994

**Experimental determination of elastic constants of an orthotropic composite plate by using Lamb waves**

**Lasn, Kaspar; Klauson, Aleksander;** Chati, Farid; Decultot, Dominique Mechanics of composite materials 2011 / p. 435-446 : ill

**Experimental identification of elastic constants of an orthotropic composite plate**

**Lasn, Kaspar; Klauson, Aleksander;** Chati, Farid; Decultot, Dominique Proceedings of 16th International Conference on Composite Structures (ICCS16), Porto, June 28-30, 2011 2011 / [2] p

**Experimental identification of very low frequency flexural vibration modes of partly submerged plate [Electronic resource]**

Decultot, Dominique; Chati, Farid; Maze, Gerard; **Klauson, Aleksander** Special issue of the Revista de Acustica : 19th International Congress on Acoustics, Madrid (Spain), 2-7 September 2007 2007 / [6] p. [CD-ROM]

**Frequency domain analysis of the acoustic backscattering from an axially soldered tube**

Touraine, Nicolas; Chiumia, Jeremiah; Decultot, Dominique; Maze, Gerard; **Klauson, Aleksander; Metsaveer, Jaan** Proceedings of the International EAA/EEAA Symposium : Transport Noise and Vibration, Tallinn, 8.06 - 10.06. 1998 1998 / p. 247-250: ill

**Identification of the resonances of a cylindrical shell stiffened by an internal lengthwise rib**

**Klauson, Aleksander; Metsaveer, Jaan;** Decultot, Dominique; Maze, Gerard; Ripoche, Jean The Journal of the Acoustical Society

**Influence of the internal solder layer and of A-wave on acoustic scattering from finite cylindrical shells with hemispherical endcaps**

Touraine, Nicolas; Chiumia, Jeremiah; Barriere, C.; Decultot, Dominique; **Klauson, Aleksander; Metsaveer, Jaan**; Maze, Gerard Proceedings of Fourth European Conference on Underwater Acoustics, Rome, 1998 1998 / p. 897-902

**Low frequency acoustic radiation of cylindrical shells in water**

Van de Loock, Julien; Decultot, Dominique; **Klauson, Aleksander** Proceedings of Meetings on Acoustics 2012 / art. 070019, p. 1-9 : ill <http://dx.doi.org/10.1121/1.4767967>

**Sound scattering by a cylindrical shell with hemispherical endcaps**

**Klauson, Aleksander; Metsaveer, Jaan**; Touraine, Nicolas; Decultot, Dominique; Maze, Gerard Proceedings of the International EAA/EEAA Symposium : Transport Noise and Vibration, Tallinn, 8.06 - 10.06. 1998 1998 / p. 243-246: ill

**Sound scattering by a fluid-loaded cylindrical shell with a diametral wall**

Baillard, Andre; Conoir, Jean-Marc; Decultot, Dominique; Maze, Gerard; **Klauson, Aleksander; Metsaveer, Jaan** Proceedings of the International EAA/EEAA Symposium : Transport Noise and Vibration, Tallinn, 8.06 - 10.06. 1998 1998 / p. 251-254: ill

**Sound scattering by a fluid-loaded cylindrical shell with an internal axial stiffener**

**Klauson, Aleksander; Metsaveer, Jaan**; Decultot, Dominique; Maze, Gerard; Ripoche, Jean Acoustic interactions with submerged elastic structures. Part 1, Acoustic scattering and resonances 1996 / p. 242-274: ill

**Sound scattering by a fluid-loaded finite cylindrical shell**

**Klauson, Aleksander; Metsaveer, Jaan**; Touraine, Nicolas; Decultot, Dominique; Maze, Gerard Proceedings of the 16th International Congress on Acoustics and 135th Meeting of the Acoustical Society of America, Seattle, Washington, 20-26 June 1998 1998 / p. 575-576

**Sound scattering by a fluid-loaded finite cylindrical shell**

**Klauson, Aleksander; Metsaveer, Jaan**; Touraine, Nicolas; Decultot, Dominique; Maze, Gerard Journal of the Acoustical Society of America 1998 / 5, pt. 2, p. 2813

**Sound scattering by a stiffened cylindrical shell using elasticity theory**

Baillard, Andre; Conoir, Jean-Marc; Decultot, Dominique; Maze, Gerard; **Klauson, Aleksander; Metsaveer, Jaan** Journal of the Acoustical Society of America 1998 / No. 3, Pt. 2, p. 1754

**Sound scattering from a cylindrical shell stiffened by a transversal plate**

**Klauson, Aleksander; Metsaveer, Jaan**; Haumesser, Lionel; Decultot, Dominique; Maze, Gerard Proceedings of the Sixth European Conference on Underwater Acoustics 2002 / p. 137-140

**Surface wave conversion analysis on a lengthwise soldered circular cylindrical shell**

Baillard, Andre; Chiumia, Jeremiah; Decultot, Dominique; Maze, Gerard; **Klauson, Aleksander; Metsaveer, Jaan** Journal of Acoustical Society of America 2008 / 4, p. 2061-2067 <https://pubs.aip.org/asa/jasa/article/124/4/2061/980878/Surface-wave-conversion-analysis-on-a-lengthwise>

**Synthesis of the echo-signal from a cylindrical shell**

Ratassepp, Madis; **Metsaveer, Jaan; Klauson, Aleksander**; Decultot, Dominique; Maze, Gerard Tenth International Congress on Sound and Vibration : 7-10 July 2003, Stockholm, Sweden 2003 / p. 2483-2490 : ill [https://www.researchgate.net/publication/290165960\\_Synthesis\\_of\\_the\\_echo-signal\\_from\\_a\\_cylindrical\\_shell](https://www.researchgate.net/publication/290165960_Synthesis_of_the_echo-signal_from_a_cylindrical_shell)

**The determination of mechanical properties of orthotropic composites**

**Lasn, Kaspar; Klauson, Aleksander**; Chati, F.; Decultot, Dominique XVI International Conference Mechanics of Composite Materials : book of abstracts 2010 / p. 117