

**Neural network based system for real-time organ recognition by analysis of sequence of endoscopic images received during surgical operation**

Artemtšuk, Igor; Petlenkov, Eduard; **Miyawaki, F.**; Gladki, A. 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. 349-352 : ill

**Restricted connectivity neural network structure for organ recognition by analysis of endoscopic images during surgical operation**

**Petlenkov, Eduard; Artemtšuk, Igor**; Miyawaki, F.; Yoshimitsu, Kitao 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. 261-264 : ill