

**Skaitinio intelekto metodai balso funkcijos vertinimui ir patologijos nustatymui****C:\Straipsniai\Laryngeal Imaging\**

- 2001 - C. Palm, T. M. Lehmann, J. Bredno, C. Neuschaefer - Automated Analysis of Stroboscopic Image Sequences by Vibration Profiles
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- 2004 - S. Allin, J. Galeotti, G. Stetten, S.H. Dailey - Enhanced Snake Based Segmentation of Vocal Folds
- 2006 - A. Verikas, A. Gelzinis, M. Bacauskiene, V. Uloza - Towards a Computer-Aided Diagnosis System for Vocal Cord Diseases
- 2006 - R. Schwarz, U. Hoppe, M. Schuster - Classification of Unilateral Vocal Fold Paralysis by Endoscopic Digital High-Speed Recordings and Inversion of a Biomechanical Model
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- 2007 - C. Tao, Y. Zhang, J.J. Jiang - Extracting Physiologically Relevant Parameters of Vocal Folds From High-Speed Video Image Series
- 2007 - J. Lohscheller, H. Toy, F. Rosanowsk - Clinically Evaluated Procedure for the Reconstruction of Vocal Fold Vibrations from Endoscopic Digital High-Speed Videos
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**C:\Straipsniai\Voice Pathology\Adaptive Neuro-Fuzzy Inference System\**

- 2004 - G. Chan, V. Parsa - Neuro-Fuzzy Estimator of Speech Quality

**C:\Straipsniai\Voice Pathology\Applications in Psychiatry & Neurology\**

- 2004 - A. Ozdas, R.G. Shiavi, S.E. Silverman - Investigation of Vocal Jitter and Glottal Flow Spectrum as Possible Cues for Depression and Suicidal Risk
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**C:\Straipsniai\Voice Pathology\Autoregressive Decomposition Poles\**

- 2005 - P.R. Scalasara, E.D. Maria, C.D. Maciel - Application of Autoregressive Decomposition and Pole Tracking to Pathological Vocal Signals
- 2007 - P.R. Scalasara, C.D. Maciel, R.C. Guido - Autoregressive Decomposition and Pole Tracking Applied to Vocal Fold Nodule Signals

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- 2000 - C.E. Martinez, H.L. Rufiner - Acoustic Analysis of Speech for Detection of Laryngeal Pathologies
- 2004 - J.I. Godino-Llorente, P. Gomez-Vilda - Automatic Detection of Voice Impairments by Means of Short-Term Cepstral Parameters and Neural Network Based Detectors
- 2006 - A.A. Dibazar, T.W. Berger, S.S. Narayanan - Pathological Voice Assessment
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- 1992 - D.G. Childers, K.S. Bae - Detection of Laryngeal Function Using Speech and Electroglottographic Data

**C:\Straipsniai\Voice Pathology\Fundamental Frequency Estimation\**

- 2000 - C. Manfredi - Adaptive Noise Energy Estimation in Pathological Speech Signals
- 2000 - C. Manfredi, M. D'Aniello, P. Bruscaioni - Comparative Analysis of Fundamental Frequency Estimation Methods
- 2003 - P. Mitev, S. Hadjitodorov - Fundamental Frequency Estimation of Voice of Patients with Laryngeal Disorders
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- 2004 - T. Li, C. Jo - Discrimination of Severely Noisy Pathological Voice with Spectral Slope and HNR
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- 2007 - K. Shama, A. Krishna, N.U. Cholayya - Study of Harmonics-to-Noise Ratio and Critical-Band Energy Spectrum of Speech as Acoustic Indicators of Pathology

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- 2006 - T. Haderlein, D. Zorn, S. Steidl - Visualization of Voice Disorders Using the Sammon Transform

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- 2000 - M. de Oliveira Rosa, J.C. Pereira, M. Grellet - Adaptive Estimation of Residue Signal for Voice Pathology Diagnosis

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- 2004 - T. Ananthakrishna, K. Sharna, U.C. Niranjana - k-Means Nearest Neighbor Classifier for Voice Pathology

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- 2004 - P. Gomez, F. Diaz, R. Martinez - Precise Reconstruction of the Mucosal Wave for Voice Pathology Detection and Characterization
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- 2007 - A. Taherkhani, S.A. Seyyedsalehi, A. Mohammadi - Nonlinear Signal Processing for Voice Disorder Detection by Using GP Algorithm and Surrogate Data Analysis
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- 2006 - R.J. Moran, R.B. Reilly, P. de Chazal, P.D. Lacy - Telephony-Based Voice Pathology Assessment Using Automated Speech Analysis

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- 2005 - K. Umaphathy, S. Krishnan - Discrimination of Pathological Voices Using a Time-Frequency Approach
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