

INFERRING THE PERIODICITY OF DISCRETE SIGNALS (Ramot)

code: 4-2013-527

[Yuval Shavitt](#), T.A.U Tel Aviv University, Engineering, Electrical Eng-Systems

Oded Argon, T.A.U Tel Aviv University, Engineering, School of Electrical Engineering

Udi Weinsberg, T.A.U Tel Aviv University, Engineering, School of Electrical Engineering

A method for testing a signal comprises obtaining a signal, determining whether the signal has at least one period, measuring that period and providing the measurement as output. A power spectral density estimation can be used for signals having a single period, and an autocorrelation function with slicing can be used in an iterative procedure for finding multiple periods within signals.

Contact for more information:

Ofer Shneyour , VP Business Development, ICT, +972.3.640.6496

Ramot at Tel Aviv University Ltd. P.O. Box 39296, Tel Aviv 61392 ISRAEL

Phone: +972-3-6406608

Fax: +972-3-6406675