BLIND AND SEMI-BLIND SOURCE EXTRACTION AND SEPARATION APPLICATION IN DIAGNOSTICS

Dariusz Mika
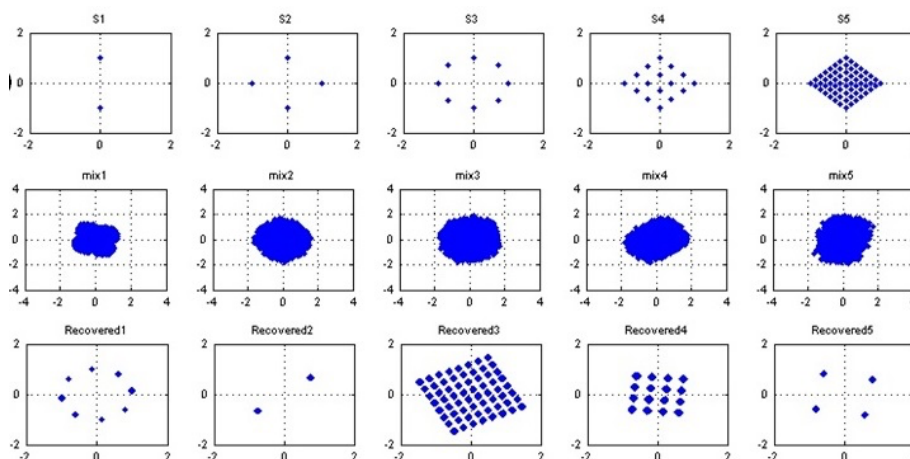
Institute of Technical Sciences and Aviation
The University College of Applied Sciences in Chelm, Poland

Giovedi 27 Giugno 2024 ore 16:00
Aula B (piano terra), via della Vasca Navale 84 & TEAMS

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The presentation concerns Blind Signal Separation methods and their applications in the analysis of vibration signals and the diagnosis of mechanical systems. We present the genesis of the problem of signal separation (BSS), the theoretical basis of BSS, selected well-known BSS algorithms and our contribution to the development of BSS methods. In addition, we will present the applications of BSS methods, in particular in the analysis of vibration signals and the diagnosis of mechanical devices and systems.

TEAMS link: https://teams.microsoft.com/l/meetup-join/19%3a8f9ec19800e7467ab9bae6e627dfcb21%40thread.tacv2/1719226224304?context=%7b%22Tid%22%3a%22ffb4df68-f464-458c-a546-00fb3af66f6a%22%2c%22Oid%22%3a%2234c00d0e-4085-4def-be95-f11f6239bc3d%22%7d