E. Nissan’s publications on Intelligent Systems for Engineering:

**Materials engineering:**

With G. Kimmel, Y. HaCohen-Kerner, E. Berman:

**Nuclear engineering:**


Intelligent Technologies for Electric and Nuclear Power Systems. (Edited)


With A. Galperin, S. Kimhi, H. Siegelmann:
FUELCON’s Heuristics, Their Rationale, and Their Representations.

With J. Zhao, B. Knight, M. Petridis, A. Soper:

Forum on Refuelling Techniques for Nuclear Power Plants. (Edited)

With A. Soper, J. Zhao, B. Knight, M. Petridis:
Fuel Reload Pattern Design Within a Family of Hybrid Architectures.


With A. Galperin, J. Zhao, B. Knight and A. Soper:
From FUELCON to FUELGEN: Tools for Fuel Reload Pattern Design.

With A. Galperin, A. Soper, B. Knight, J. Zhao: Future States for a Present-State Estimate, in the Contextual Perspective of In-Core Nuclear Fuel Management.

Other:

Hybrid Techniques (review of five books).
