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**South-Eastern European Mathematical Olympiad for University Students, SEEMOUS 2014.
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Summary: This note deals with the problems of the 8th South Eastern European Mathematical Olympiad for University Students, SEEMOUS 2014, organized in Iași, Romania, by the Gheorghe Asachi Technical University of Iași, the Mathematical Society of South Eastern Europe (MASSEE), and the Romanian Mathematical Society, between March 5 and March 9, 2014.

Classification: U40

Keywords: similar matrices; normal matrix; Hermitian matrix; determinants; eigenvalues; eigenvectors; sequences of real numbers; integral convergence; Taylor series; continuous functions