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- Yang, Z. and Y. Hu, Displacement structures and fast inversion formulas for q -adic Vandermonde-like matrices 176 (2004) 1– 14
- Yang, Z., L. Wang and Y. Hu, Displacement structures and fast inversion formulas for confluent polynomial Vandermonde-like matrices 177 (2004) 1– 15
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- Zeng, X.Y., B. Shi and D.C. Zhang, Stability of solutions for the recursive sequence $x_{n+1} = (\alpha - \beta x_n) / (\gamma + g(x_{n-k}))$ 176 (2004) 283–291
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- Zhang, X., A modification of the Adomian decomposition method for a class of nonlinear singular boundary value problems 180 (2005) 377–389
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