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Tamilselvan, A.; Ramanujam, N.

A parameter uniform numerical method for a system of singularly perturbed convection-diffusion equations with discontinuous convection coefficients

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*MSC Classification:* 65L10

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*Keywords:* system of singularly differential equations of second order; discontinuous convection and source terms; strong layer

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*Review text:*

The authors develop a parameter uniform numerical method for a system of singularly differential equations of second order with discontinuous convection and source terms. The solution exhibit a strong layer. Numerical tests are presented to justify the theoretical results.

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