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## **A UNIFORM APPROACH TO HAZARD RATE ORDERING OF PARALLEL SYSTEMS WITH GEOMETRIC COMPONENTS**

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### SUMMARY

In this paper, through a uniform approach, we carry out some stochastic comparisons of parallel systems with geometric components in terms of hazard rate ordering. We believe the methodology presented in this paper is applicable to some other problems.

*Keywords and phrases:* Parallel system, stochastic comparison, hazard rate order, geometric components.

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