

Abstract Submitted  
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**Statistical Analysis on the Korean Transportation System** OKYU KWON, National Institute for Mathematical Sciences, GABJIN OH, Chosun University, WOO-SUNG JUNG, POSTECH — We investigate the Korean transportation system including subway, highway and express bus systems. The network topology and traffic pattern of the Korean transportation system is studied. We find the transportation have many complexity features such as scale-free property. We also find the relationship between the traffic flow, and the population and the distance.

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