

# INDEPENDENTLY ROTATING WHEELS - INTERIM REPORT ON THEORETICAL STUDIES

As part of the study of railway vehicles fitted with independently rotating wheels, theoretical methods have been developed to enable predictions to be made of their dynamic behaviour. This interim report describes the theoretical developments made and gives the results of preliminary investigations in various areas of vehicle response. Investigation is continuing in the areas of dynamic stability, ride comfort and curving behaviour and further reports will be issued when these studies are complete.