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## Estimation of Alonso's Theory of Movements for Commuting

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VRIJE UNIVERSITEIT

**ESTIMATION OF  
ALONSO'S THEORY OF MOVEMENTS  
FOR COMMUTING**

ACADEMISCH PROEFSCHRIFT

ter verkrijging van de graad Doctor aan  
de Vrije Universiteit Amsterdam,  
op gezag van de rector magnificus  
prof.dr. F.A. van der Duyn Schouten,  
in het openbaar te verdedigen  
ten overstaan van de promotiecommissie  
van de Faculteit der Economische Wetenschappen en Bedrijfskunde  
op woensdag 4 november 2015 om 15.45 uur  
in de aula van de universiteit,  
De Boelelaan 1105

door

Jacob Jelle de Vries

geboren te Groningen

promotoren: prof.dr. J.N. van Ommeren  
prof.dr. P. Rietveld (+)