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## Needs-driven service bundling in a multi-supplier setting

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VRIJE UNIVERSITEIT

Needs-driven service bundling in a multi-supplier setting  
The computational *e<sup>3</sup>service* approach

ACADEMISCH PROEFSCHRIFT

ter verkrijging van de graad Doctor aan  
de Vrije Universiteit Amsterdam,  
op gezag van de rector magnificus  
prof.dr. L.M. Bouter,  
in het openbaar te verdedigen  
ten overstaan van de promotiecommissie  
van de faculteit der Exacte Wetenschappen  
op maandag 25 oktober 2010 om 13.45 uur  
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De Boelelaan 1105

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