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### Descriptors for solid catalysts: 21st century discovery tools

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# Descriptors for solid catalysts: 21st century discovery tools

ACADEMISCH PROEFSCHRIFT

ter verkrijging van de graad van doctor

aan de Universiteit van Amsterdam

op gezag van de Rector Magnificus

prof. dr. D.C. van den Boom

ten overstaan van een door het college voor promoties ingestelde

commissie, in het openbaar te verdedigen in de Agnietenkapel  
op dinsdag 14 Januari 2014, te 12.00 uur

door Erik-Jan Ras  
geboren te Rotterdam

Promotor: prof. dr. G. Rothenberg

Faculteit der Wiskunde, Natuurwetenschappen en Informatica