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Experimental investigation of potential topological and p -wave superconductors

Trần Văn Bảy

Experimental investigation of potential topological and p -wave superconductors

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 09 september 2014, te 14:00 uur.

door

Trần Văn Bấy

geboren te Binh Dinh, Vietnam

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Cover: The TiNiSi structure of UCoGe (main object, chapter 6), the reduced upper critical field $B_{c2}(T)$ (front face, chapters 4 and 5), the T - r phase diagram (top face, chapter 3) and the magnetoresistance $\rho(B)$ (right face, chapter 6).

An electronic version of this dissertation can be downloaded from

<http://www.science.uva.nl/research/cmp/devisser/index.html>

“Seek and ye shall find. Unsought goes undetected.”

(Sophocles)

“Use your smile to change the world; don’t let the world change your smile.”

(Anonymous)

*To my parents,
My sisters and brothers,
My nieces and nephews.*