



***Ab initio* investigation of intrinsic antiferromagnetic solitons**

Amal Jawdat Nayef Aldarawsheh

Schlüsseltechnologien / Key Technologies

Band / Volume 286

ISBN 978-3-95806-785-1

Forschungszentrum Jülich GmbH
Peter Grünberg Institut (PGI)
Quanten-Theorie der Materialien (PGI-1)

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Schriften des Forschungszentrums Jülich
Reihe Schlüsseltechnologien / Key Technologies

Band / Volume 286

ISSN 1866-1807

ISBN 978-3-95806-785-1

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ISBN 978-3-95806-785-1