

Accepted Manuscript

Theory of superconductivity and spin excitations in cuprates

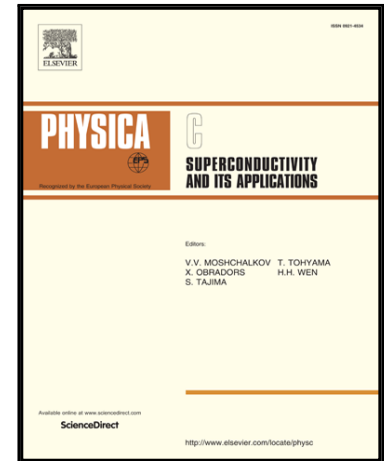
Nikolay M. Plakida

PII: S0921-4534(17)30309-X
DOI: [10.1016/j.physc.2018.02.030](https://doi.org/10.1016/j.physc.2018.02.030)
Reference: PHYSC 1253287

To appear in: *Physica C: Superconductivity and its applications*

Received date: 14 July 2017
Accepted date: 28 February 2018

Please cite this article as: Nikolay M. Plakida, Theory of superconductivity and spin excitations in cuprates, *Physica C: Superconductivity and its applications* (2018), doi: [10.1016/j.physc.2018.02.030](https://doi.org/10.1016/j.physc.2018.02.030)



This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

Highlights

- Kinematical interaction for the Hubbard operators.
- Spin-excitation spectrum in the t - J model. Magnetic resonance mode.
- Kinematical spin-fluctuation pairing mechanism.
- Suppression of superconductivity by intersite Coulomb repulsion.

ACCEPTED MANUSCRIPT

Download English Version:

<https://daneshyari.com/en/article/8164023>

Download Persian Version:

<https://daneshyari.com/article/8164023>

[Daneshyari.com](https://daneshyari.com)