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1987 and have been actively studied  
since superconductivity research at the  
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years one of the leading candidates for a  
p wave superconductor has been  
strontium ruthenate sr<sub>2</sub>ruo<sub>4</sub> although  
recent research has started to poke  
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BCS Theory of Superconductivity The properties of Type I superconductors were modeled successfully by the efforts of John Bardeen, Leon Cooper, and Robert Schrieffer in what is commonly called the BCS theory. A key conceptual element in this theory is the pairing of electrons close to the Fermi level into Cooper pairs through interaction with

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