

**A.- MAGNETIC AND SUPERCONDUCTING MATERIALS**

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**Physical Review Letters**, 80 (1), (1998), pp. 181-184

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**Physical Review Letters**, 80 (17), (1998), pp. 3815-3818

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3.- *Magnetoresistance of magnetite*

**Applied Physics Letters**, 72 (6), (1998), pp. 734-736

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4.- *Three dimensional dislocation substructure in NdBa<sub>2</sub>Cu<sub>3</sub>O<sub>y</sub>*

**Applied Physics Letters**, 73 (18), (1998), pp 2660-2662

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5.- *Pressure-controlled synthesis of the Hg<sub>0.82</sub>Re<sub>0.18</sub>Ba<sub>2</sub>Ca<sub>2</sub>Cu<sub>3</sub>O<sub>8+</sub> superconductor*

**Advanced Materials**, 10 (14), (1998), pp. 1126-1129

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9.- *High-temperature spin dynamics in CMR manganites: ESR and magnetization*

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**Physical Review B**, 58 (9), (1998), pp. 5744-5756

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11.- *In-plane flux pinning in melt-textured YBa<sub>2</sub>Cu<sub>3</sub>O<sub>7</sub>-Y<sub>2</sub>BaCuO<sub>5</sub> composites*

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**Physica C**, 296, (1998), pp. 29-36

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15.- *Formation and stability of HgCaO<sub>2</sub>, a competing phase in the synthesis of*

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