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Resistivity and *a.c.* susceptibility of YBCO films on silver substrates

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The $\text{YBa}_2\text{Cu}_3\text{O}_\delta$ films were obtained by the sedimentation process directly on polished silver substrates. The thickness of these films is in order of several micrometers. The temperature dependences of the resistance and *a.c.* susceptibility of the films were measured and analyzed. The critical temperatures of these specimens vary from 87K to 91K and they depend on the annealing temperatures.