CONCLUSION
A series of studies on the electrochemically grown ferromagnetic Co(tCo)/Cu multilayer grown on the polyamide substrate (1.69 cm²) is presented. The induced uniaxial magnetic anisotropy was observed because of the effect of strain in all the multilayer films. The multilayer [Co 1.0 nm /Cu 1.5 nm]₅₀ showed a minimum hysteresis loss. The MR ratio was ~3.4% at 1 kOe. A remarkable difference of MR ratio was observed, corresponding to the orientation of magnetization curves.

These Co/Cu multilayer films with remarkable anisotropy properties have potential application as magnetic sensors.

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