Supporting Information

Coordinative supramolecular assembly of electrochromic films based on metal ion complexes of polyiminofluorene with terpyridine substituent groups

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EDX analysis

Fig. 1) EDX spectrum of ITO-support.

Fig. 2) EDX spectrum of **P1** (solution cast film on ITO-coated glass slide).

Fig. 3) EDX spectrum of ultrathin film of zinc-**P1** (12 dipping cycles) on ITO-coated glass slide. The complex formation with zinc is indicated by the zinc signals at 1.0, 8.63 and 9.58 keV.

Fig. 4) SEM pictures of coordination polymer films of **P1** and zinc(II) (12 dipping cycles); freshly prepared (a) and after 100-fold cyclic voltammetric cycling between -240 and +950 mV at a scan rate of 200 mV s^{-1} (b). The film was prepared according to the conditions for sample 4 in Table 1.