

Optical properties of poly(ferrocenylsilane) multilayer thin films

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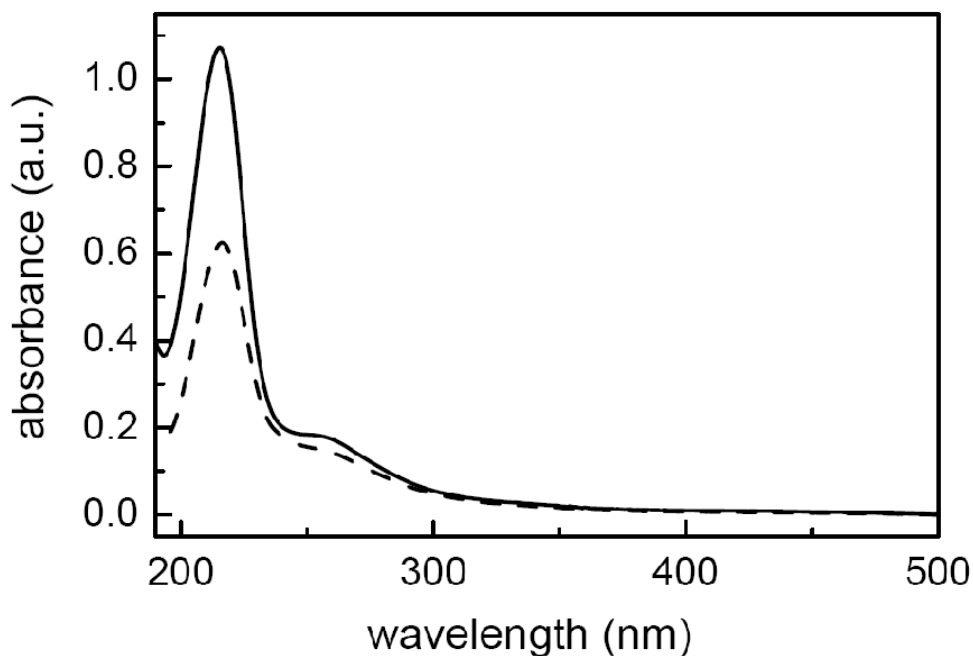


Fig. S.1 UV-VIS absorption spectra of 5 (dashed line) and 10 (solid line) poly(ferrocenylsilane) polyanion bilayer films on PEI-pretreated glass substrates. The NaCl concentration in the PFS-solutions from which the films were deposited was 0.5M.

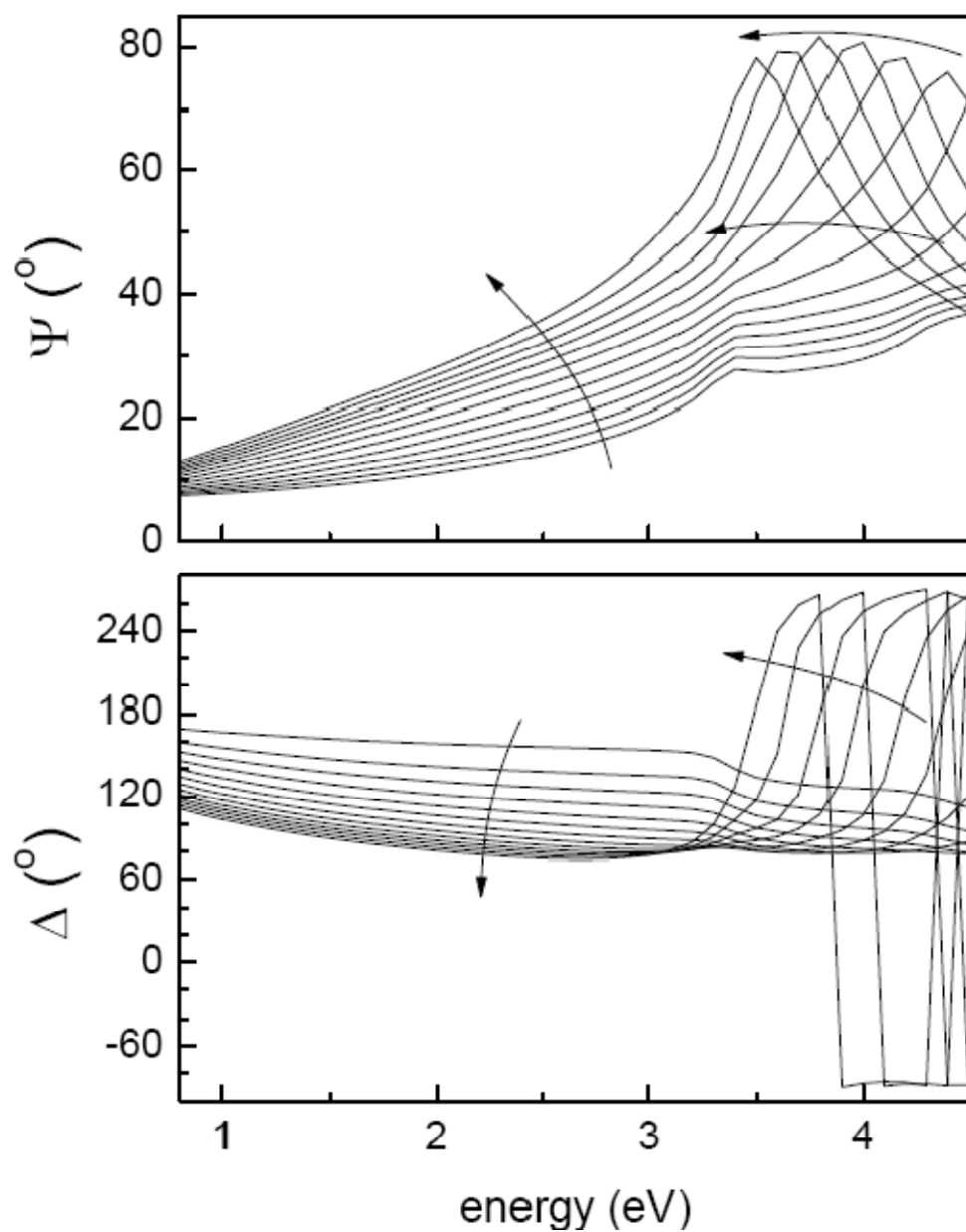


Fig. S.2 Evolution of ellipsometry spectra Ψ (top) and Δ (bottom) with increasing PFS film thickness. The number of bilayers increases (indicated by the arrows) from 0 to 12. The incident angle amounts to 70° for all spectra, while the NaCl concentration in the PFS-solutions from which the films were deposited was 0.5M.