

POLARISING SUPERMIRROR DEVICES

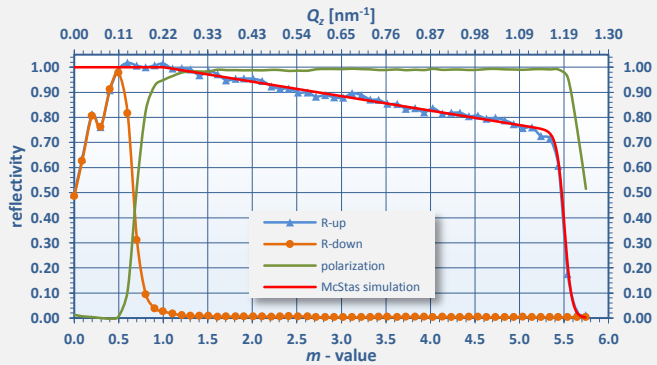
Properties

- polarising Fe/Si and FeCoV/TiN (remanent) supermirror
- high reflectivity and polarization
- large m -values
- highly reproducible large scale fabrication

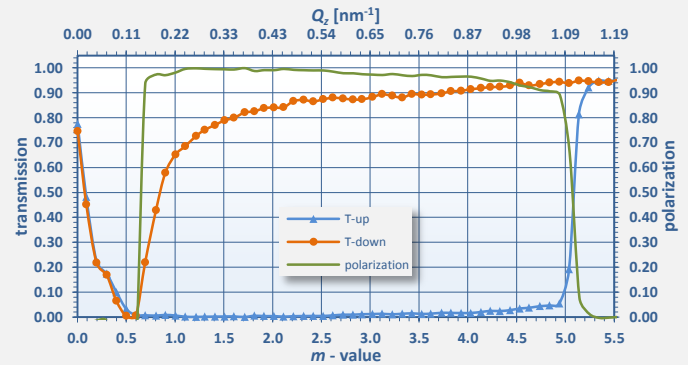
Devices

- cavities – single-/multi-channel
- benders
 - conventional & solid state
 - reflection & transmission
 - S-type – conventional & solid state
- radial benders for wide angle polarisation analysis

Reflectivity & polarisation



Transmission & polarisation



HEUSLER MONOCHROMATORS

Features

- design: 2d focusing arrays (1d variable)
- curvature: $0.5 \text{ m} \leq R \leq \infty$
- repeatability: $< 0.05^\circ$
- add-ons: stepper motors, encoders, home/limit switches, goniometers
- special features: shielding elements, integrated magnetic yokes



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