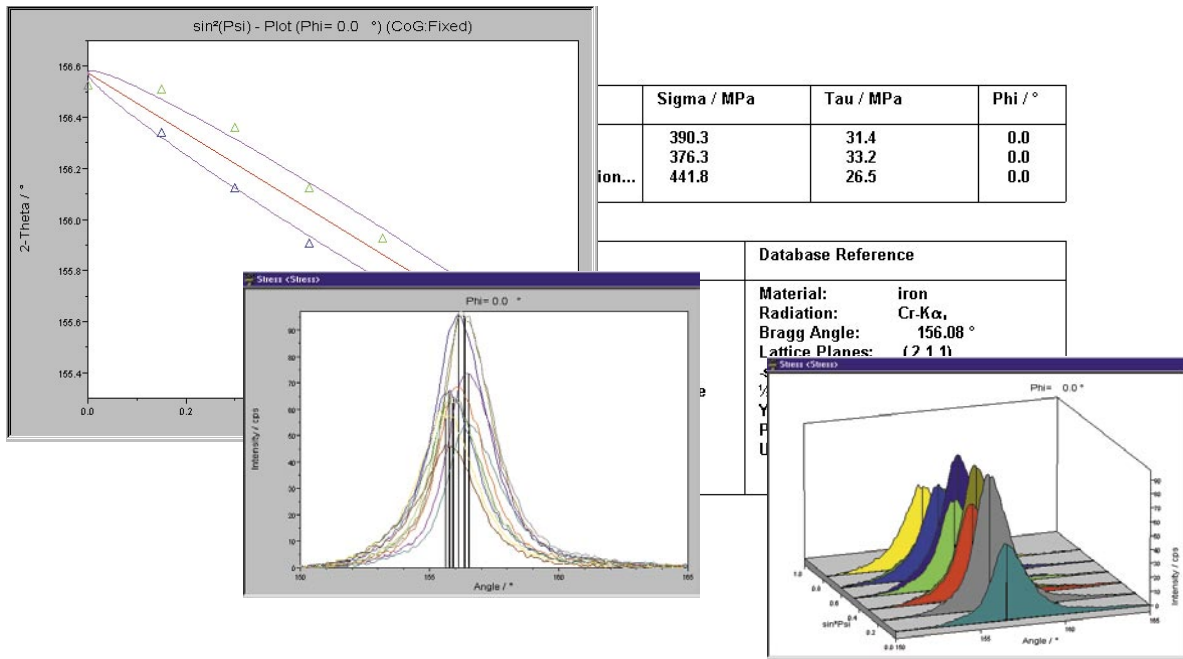


SEIFERT RAYFLEX Analyze

STRESS



Features

- Determination of residual stresses with $\sin^2 \psi$ method (χ and τ possible) with elliptical and linear regression evaluation
- Graphical presentation of measurement data and $\sin^2 \psi$ distribution
- Simultaneous peak shift determination by different methods:
 - Parabola or Pseudo-Voigt fits
 - Simple, mean or sliding center of gravity
 - Cross correlation function
- Evaluation by constants from materials data base, easily to be extended
- Determination of stress tensor (assumptions $\sigma_{33} = 0$ or $\sigma_{33} \neq 0$ possible)
- Automatic evaluation for job lists by macro language with EXCEL export

