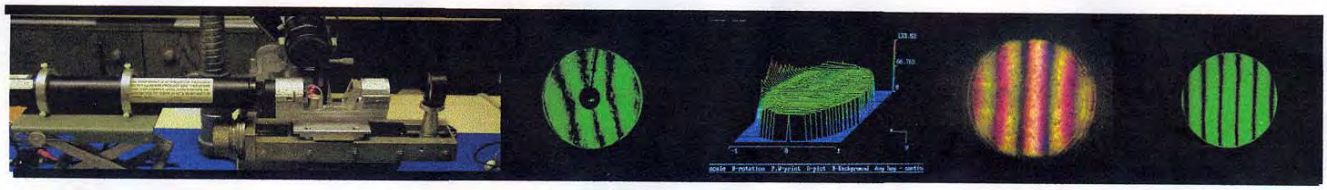
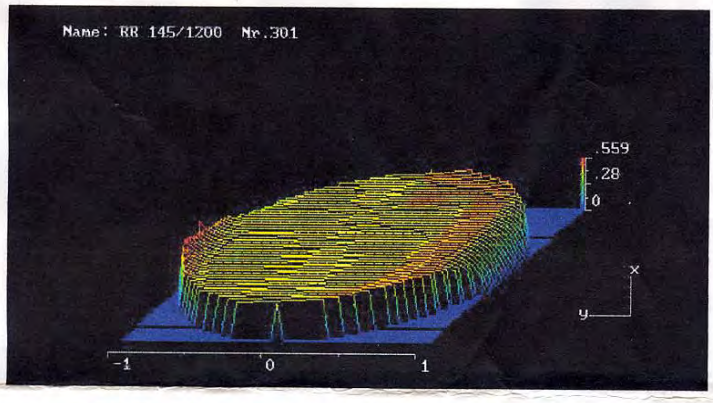
Optische Meßtechnik



Kollimation von Optik -- Interferometrie -- Reparatur von Ferngläsern

Zertifikat zur Optikprüfung

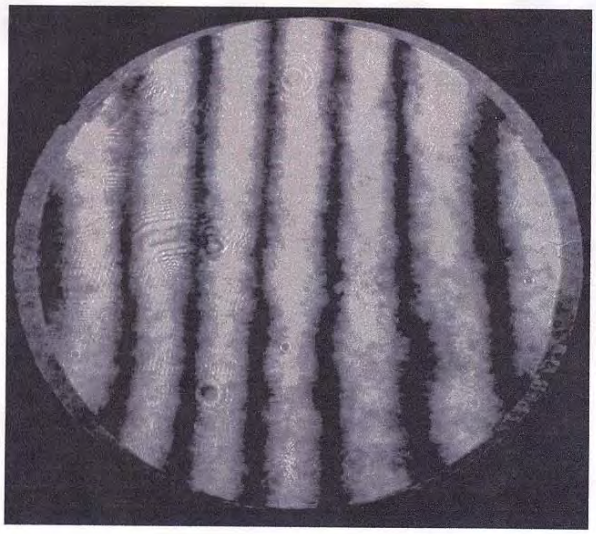


Wellenfrontabweichung bei 532 nm

Strehl 0.953

RMS 0.035 nm

PV 0.559 nm



Interferogramm

Objektiv : 154/1200 Nr. 301

Datum : 30.07.03

Prüfanordnung : Wellenfrontanalyse

Ronchi extraf.

Ronchi interf.

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                    Wave front analysis
          Date: 31-07-2003      Time: 09:46:02
  File: c:\tmp\point.zap
  Name: RR 145/1200  Nr.301
  Units of deformations measuring: wave lengt     Wave length:
1.000
  Reference  surface : sphere
    Form of zonal error - power series
 --------------------Parameters of regular
errors-----------------------------
   D=   -.023 LX=    .003 LY=    .036 C=    .013    RMS(W)=  .035
   A=    .022   FIA=  88.187                        RMS(W-A)=  .034
FA= .062
  B0=   -.003 RZ=    .015                          RMS(W-Z)=  .035
FZ= .010
  B2=   -.005
  B4=    .077
  B6=   -.080
   C=    .144   FIC=   8.929                        RMS(W-C)=  .031
FC= .233
-------------------------------------------------------------------------
---------
 Local  errors : R=    .460                      RMS(M)=  .029
              Characteristics  of  wave front
     RMS         MIN         MAX         R          STRL        STRH
     .035       -.383        .176       .559        .953        .984
```