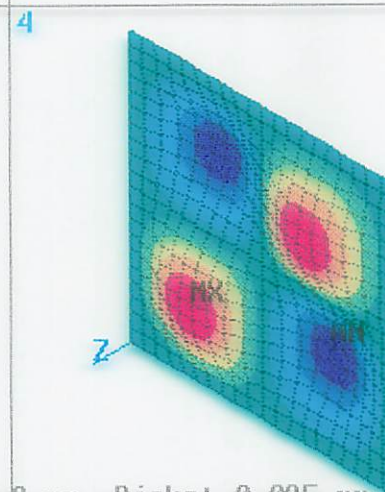
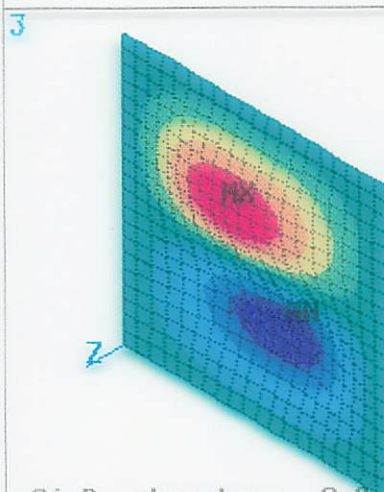
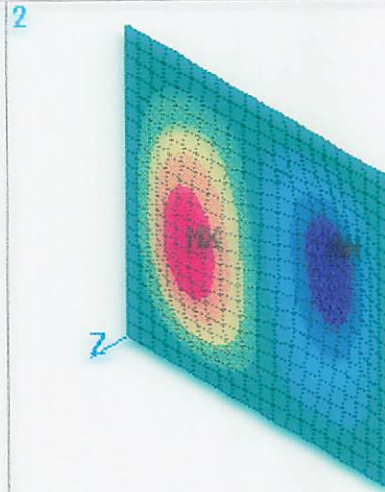
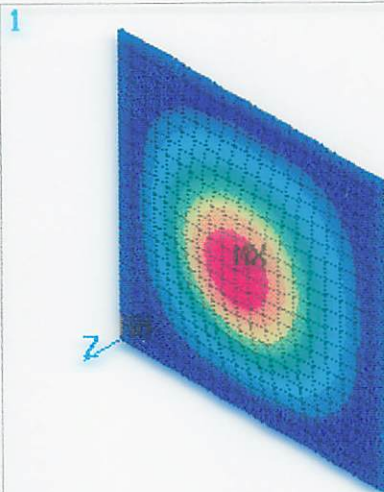


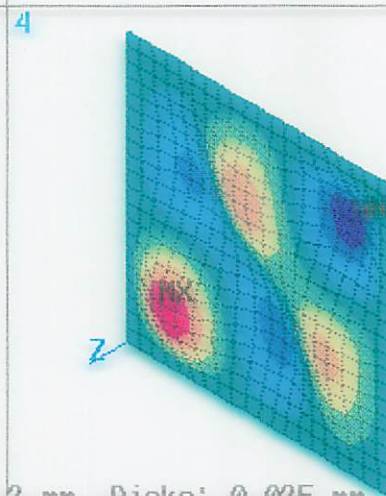
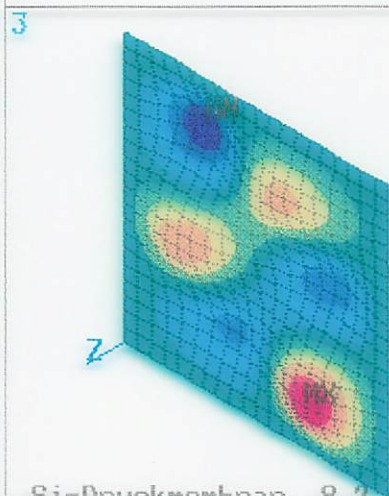
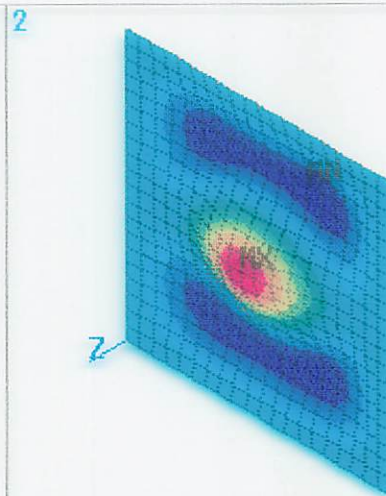
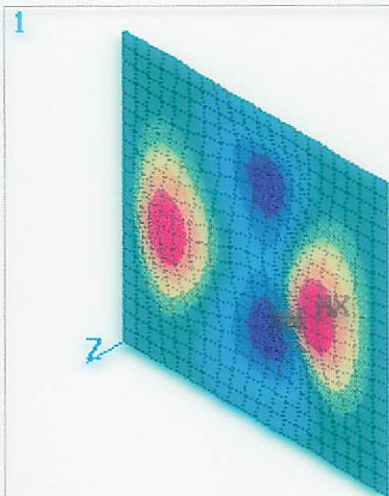
ANSYS 4.4A  
 OCT 24 1991  
 13:25:18  
 PLOT NO. 2  
 POST1 STRESS  
 STEP=1  
 ITER=1  
 FREQ=4174  
 UZ  
 D GLOBAL  
 DMX =35160  
 SMX =35160

XV =1  
 YV =1  
 ZV =1  
 DIST=6.197  
 XF =4.6  
 YF =4.6  
 0  
 3907  
 7813  
 11720  
 15627  
 19534  
 23440  
 27347  
 31254  
 35160

POST1 STRESS  
 STEP=1  
 ITER=2



Si-Druckmembran, 9.2 mm x 9.2 mm, Dicke: 0.025 mm



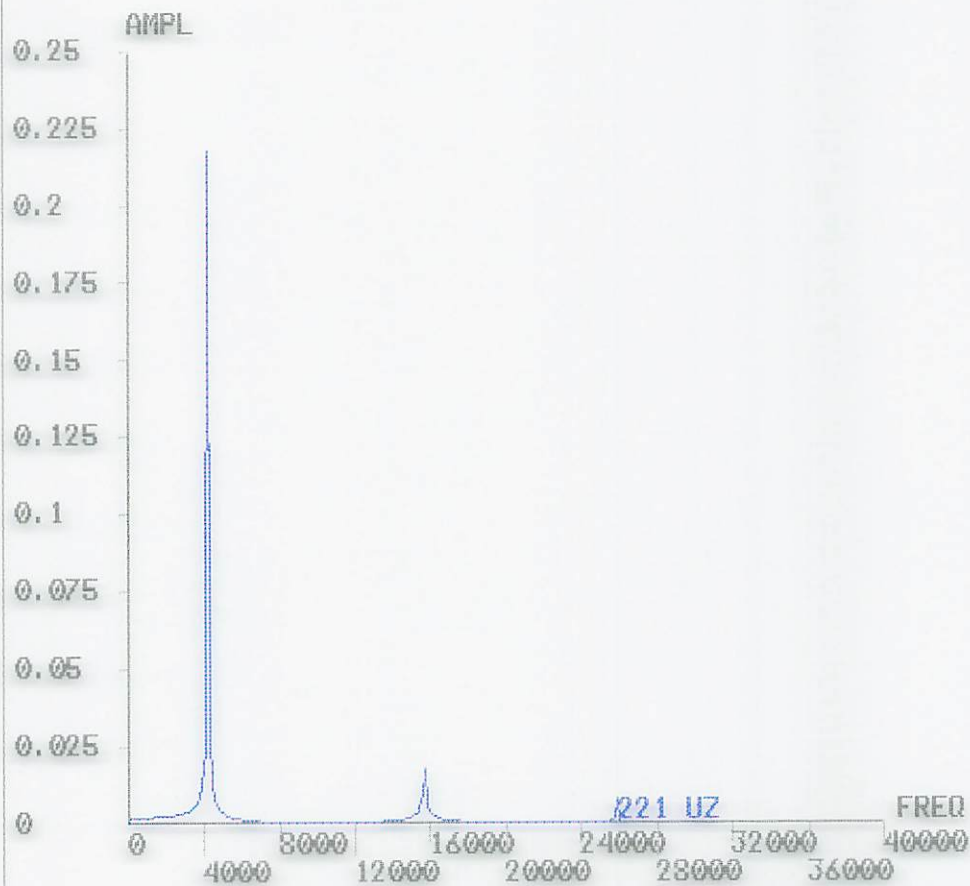
ANSYS 4.4A  
 OCT 24 1991  
 13:27:18  
 PLOT NO. 3  
 POST1 STRESS  
 STEP=1  
 ITER=5  
 FREQ=15476  
 UZ  
 D GLOBAL  
 DMX =35717  
 SMN =-29603  
 SMX =35717

XV =1  
 YV =1  
 ZV =1  
 DIST=6.197  
 XF =4.6  
 YF =4.6  
 -29603  
 -22345  
 -15087  
 -7830  
 -571.778  
 6686  
 13944  
 21202  
 28459  
 35717

POST1 STRESS  
 STEP=1

Si-Druckmembran, 9.2 mm x 9.2 mm, Dicke: 0.025 mm

1



Amplitudenspektrum der Si-Membran bei zentraler Anregung

ANSYS 4.4A  
OCT 24 1991  
13:29:17  
PLOT NO. 4  
POST26  
AMPLITUDE

ZU =1  
DIST=0.6666  
XF =0.5  
YF =0.5  
ZF =0.5