

```
/PREP7
!save, 'D:\Temp\mysave.db'
```

```
allsel
cmsel,s,luftv
*get,enum,elem,,count
*dowhile,enum
    *get,etyp,elem,elnext(0)
    et,etyp,236
    esel,u,type,,etyp
    *get,enum,elem,,count
*enddo
```

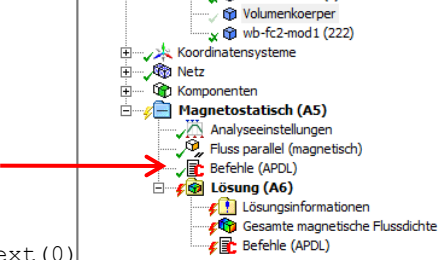
```
allsel
cmsel,s,jochv
cmsel,a,spulev
*get,enum,elem,,count
*dowhile,enum
    *get,etyp,elem,elnext(0),attr,type
    et,etyp,236,1
    esel,u,type,,etyp
    *get,enum,elem,,count
*enddo
```

```
!*get,nxtetyp,elem,elnext(0),attr,type
nxtetyp=5
nxtrset=5
et,5,circul24,3
Source
r,1,200
```

```
allsel
*get,acNodeNum,NODE,,num,max
*dim,nnde,array,2
nnde(1)=acNodeNum+1
nnde(2)=acNodeNum+2
```

```
n,nnde(1),200e-3,0,0
n,nnde(2),210e-3,0,0
```

```
type,5
real,1
e,nnde(1),nnde(2)
```



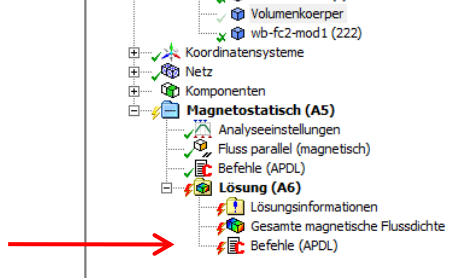
```
! Coupled Set Spule 1 Seite A
cmsel,s,sps1
cp,next,curr,all
*get,NNumSp1,node,,num,min ! Knotennummer fuer Kopplung speichern
! Stromfluss aus dieser Flaechе heraus +1
sf,all,mci,-1
```

```
! Coupled Set Spule 1 Seite B
cmsel,s,sps2
cp,next,curr,all
*get,NNumSp2,node,,num,min ! Knotennummer fuer Kopplung speichern
! Stromfluss aus dieser Flaechе heraus +1
sf,all,mci,+1
```

```
! Potential 0 fuer current source und spule 1
.....
nset,s,,,nnde(1)
d,all,volt,0
Potential 0 legen
nset,s,,,NNumSp2
d,all,volt,0
Potential 0 legen
```

```
! Spule an Current Source anschliessen
.....
nset,s,,,nnde(2)
nset,a,,,NNumSp1
cp,next,volt,all
Seite B mit independent current source koppeln
```

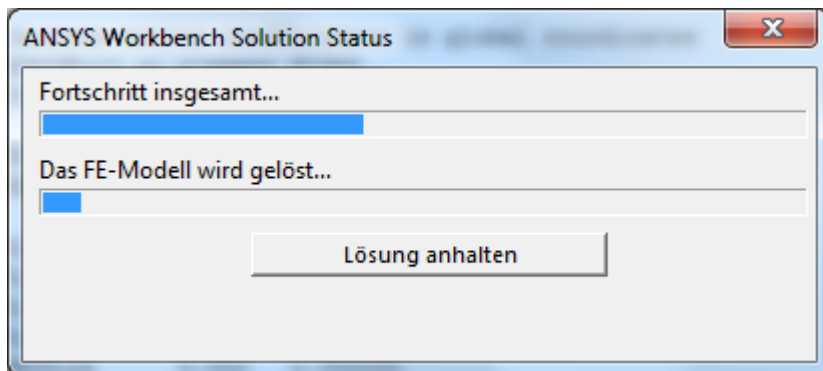
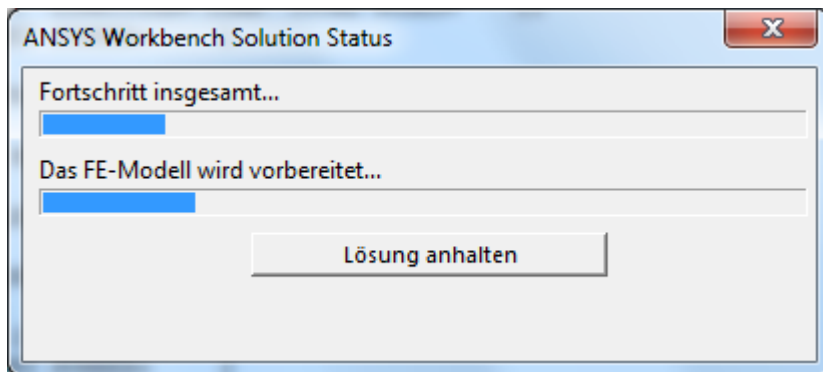
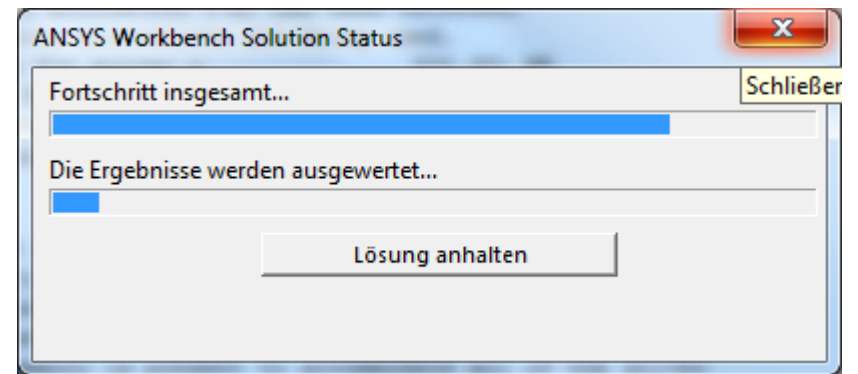
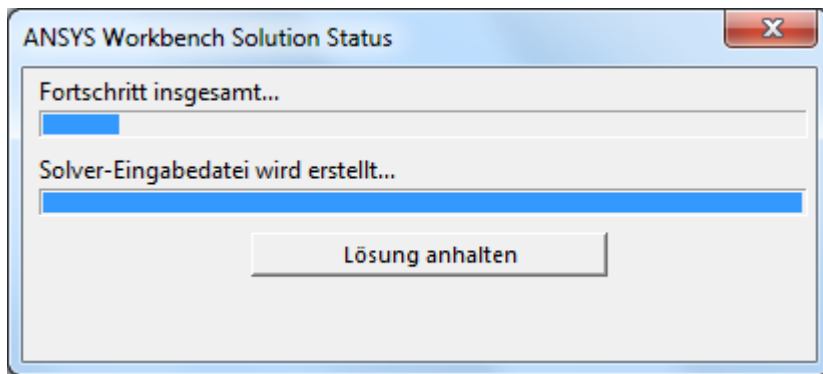
```
allsel
/SOLU
```



! Commands inserted into this file will be executed immediately after the Ansys /POST1 command.

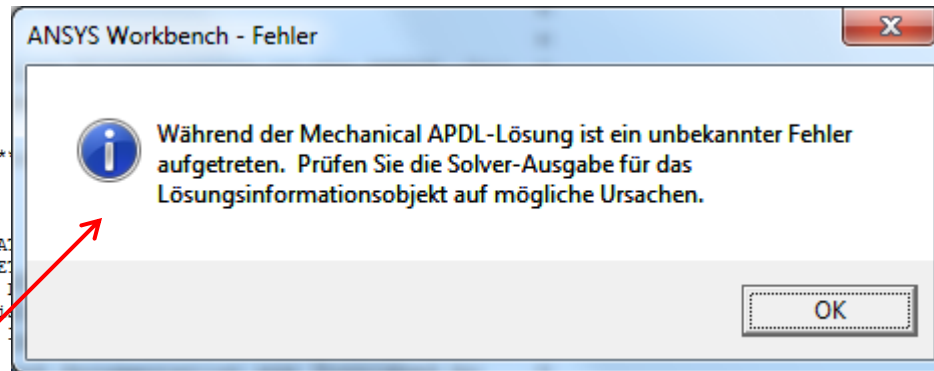
! Active UNIT system in Workbench when this object was created:
Metric (m, kg, N, s, V, A)

```
save,'D:/Temp/mysaveSolved.db'  
pgsave,'mysaveSolved','pgr','D:/Temp/',2,1,0
```



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 *

 *
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 *
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 * non-disclosure, copying, length and nature of use,

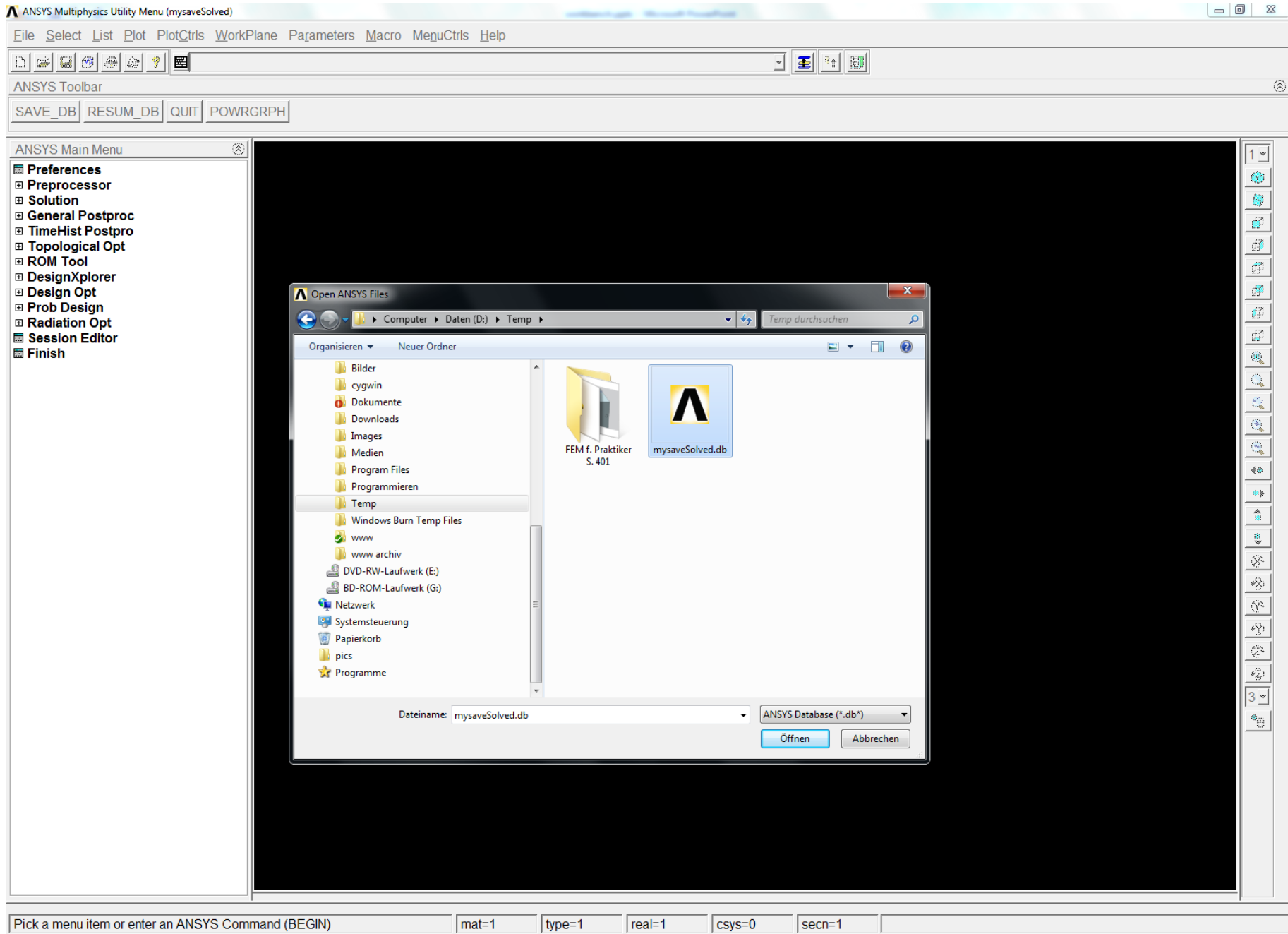


Grafik Arbeitsblatt

Meldungen

	Text	Assoziation	Zeitmarke
Fehler	Während der Mechanical APDL-Lösung ist ein unbekannter Fehler aufgetreten. Prüfen	Projekt>Modell>Magnetostatisch>Lösung	31.08.2011 14:02:22
Warnun	Nicht alle Komponenten wurden herausgeschrieben, da einige die Namenskonvention	Projekt>Modell>Magnetostatisch>Lösung	31.08.2011 14:02:22
Warnun	Der Flächenwölbfaktor des Elements übersteigt die Warngrenze.	Projekt>Modell>Geometrie>Bauteil 2	31.08.2011 12:34:25
Warnun	Die folgenden Flächen sind NURBS-Flächen hoher Ordnung mit vielen Knotenpunkten		31.08.2011 12:33:09

Öffnen in Classic und ausführen von /SOLU \$SOLVE



ANSYS Multiphysics Utility Menu (mysaveSolved)

File Select List Plot PlotCtrls WorkPlane Parameters Macro MenuCtrls Help



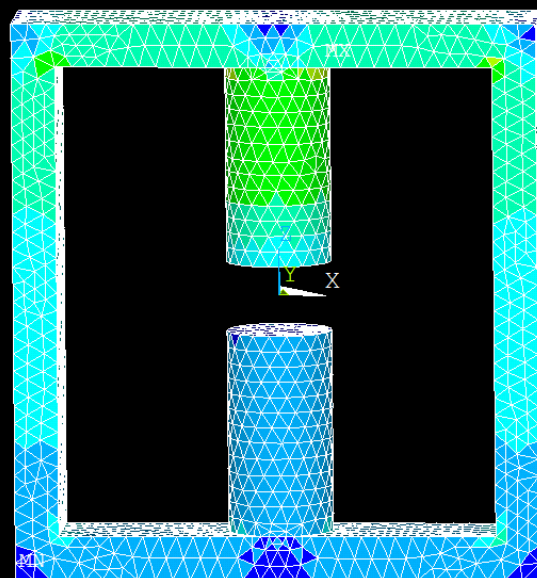
ANSYS Toolbar

SAVE_DB RESUM_DB QUIT POWRGRPH

ANSYS Main Menu

- Preferences
- Preprocessor
- Solution
- General Postproc
 - Data & File Opts
 - Results Summary
 - Read Results
 - Plot Results
 - Deformed Shape
 - Contour Plot
 - Nodal Solu
 - Element Solu
 - Elem Table
 - Vector Plot
 - Plot Path Item
 - Flow Trace
 - Defl Trace Pt
 - List Trace Pt
 - Dele Trace Pt
 - Time Interval
 - Particle Trace
 - ThinFilm
 - List Results
 - Query Results
 - Options for Outp
 - Results Viewer
 - Write PGR File
 - Nodal Calcs
 - Element Table
 - Path Operations
 - Surface Operations
 - Load Case
 - Check Elem Shape
 - Write Results
 - ROM Operations
 - Submodeling
 - Elec&Mag Calc
 - Fatigue
 - Define/Modify
 - Nonlinear Diagnostics
 - Reset
 - Manual Rezoning
- TimeHist Postpro
- Topological Opt
- ROM Tool
- DesignXplorer
- Design Opt
- Prob Design

1



wb-fc2-mod1--Magnetostatisch (A5)

Note



Solution is done!

Close

AUG 31 2011
14:08:46
ELEMENT SOLUTION
STEP=1
SUB =1
TIME=1
BSUM (NOAVG)
RSYS=0
PowerGraphics
EFACET=1
SMN =.004191
SMX =.859993
.004191
.09928
.194369
.289458
.384547
.479637
.574726
.669815
.764904
.859993



Pick a menu item or enter an ANSYS Command (POST1)

mat=1

type=5

real=1

csys=0

secn=1

- Funktioniert auch, wenn ich die Ausgabedatei die von workbench erstellt wird ausführe.