

8 Referências Bibliográficas

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9 Anexos

9.1.Macro KS400

#Limando o plano gráfico

```
imgdelete "*.*"
Gclear 0
```

#Definição dos parâmetros que podem ser medidos

```
MSsetprop "REGIONFEAT", "AREA, DCIRCLE, FERETMIN, FERETMAX,
FERETRATIO"
MSsetprop "REGIONFEAT", ",, FCIRCLE, ROUNDNESS =
4*AREA/(PI*SQR(FERETMAX))"
MSsetprop "FIELDFEAT", "FLDCOUNT, FLDAREAP"
MSsetprop "DRAWFEAT", "DRCONTOUR"
```

#Definição da unidade de medida

```
MSsetprop "SCALEX", 0.1953125
MSsetprop "SCALEX", 0.1953125
MSsetprop "UNIT", " µm"
```

#Definição do caminho aonde encontrar as imagens

```
imgsetpath "z:\Gustavo\Dentina..."
DBsetpath "z:\Gustavo\Dentina...1"
```

```
field = "dadosfield"
reg = "dadosregion"
resp = "s"
image = "*.bmp"
```

```
if DBexist(field) : DBdelete(field)
if DBexist(reg) : DBdelete(reg)
i = 1
while 1
```

#Aponta para imagem ímpar

```
imgenum image,1
if (not _STATUS): break
```

#Carrega imagem ímpar, pré-processa e segmenta

```
imgload image,1
highpass 1,11,21,5,2
# disaut 11,21,1,1
extdisdyn 1,21,1,20,15,1,12
```

#Aponta para imagem par

```
imgenum image,1
if (not _STATUS): break
```

#Carrega imagem par, pré-processa e segmenta

```
imgload image,2
# median 2,12,7
highpass 2,12,21,5,2
disaut 12,22,1,1
```

Calcula a intersecção das segmentações de traço e retraço

```
binand 21,22,15
```

```
# add 11,12,13,2
# disdyn 13,15,19,15,1
# binnot 15,15
mede = 21
```

```
Gclear 0
MSdrawmask mede,1
imgdisplay mede-20
# stop
regind = reg + string(i)
```

```
# read resp, "Deseja incluir esta imagem? (s/n)"
# if resp == "s"
MSmeasmask mede,1,field,1,2,10
MSmeasmask mede,1,regind,0,1,10
```

```
pause
endif
i = i +1
endwhile
datalist field
# datalist regind
```