

Matlab Mapping Toolbox

MATLAB Toolbox za čitanje,
prikaz i manipulisanje GIS
podacima

Ref: <http://radio.feld.cvut.cz/matlab/toolbox/map/pf2.html>

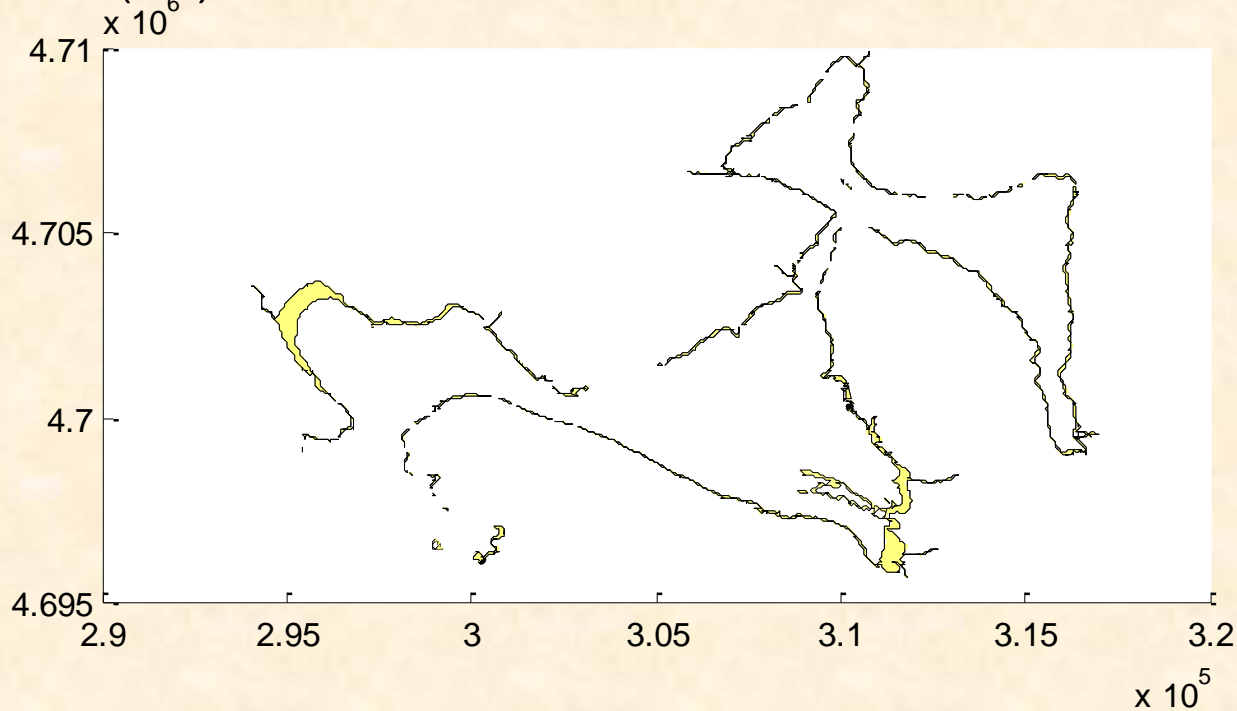
Map_ug.pdf

Vježba 6

- Proučiti Matlab Mapping Toolbox
- Učitaj shp file iz direktorijuma „podaci“, „bat_pojas_0do5m_Boka.shp“ i prikazi ga u 2D.
- Učitaj ostale fajlove kao što su „opstine.shp“, „railways.shp“ i „power lines.shp“, prikazi ih, učitaj atribute i komentariši .
- Izdvoji i prikaži granice opštine Kotor

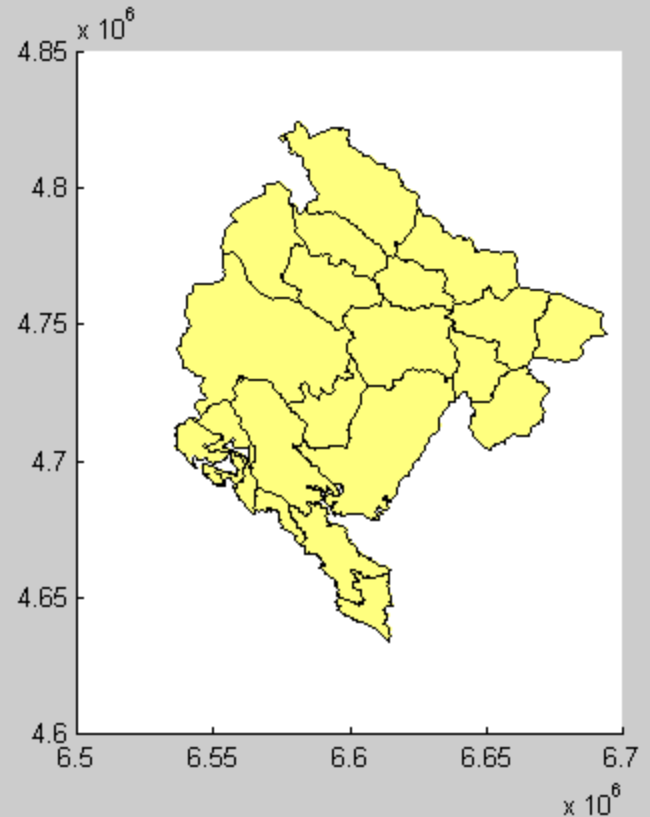
Matlab kod i prikaz

```
>> addpath('C:\Users\korisnik\Documents\MATLAB\MNEMAP')  
>> S1=shaperead('bat_pojas_0do5m_Boka.shp');  
>> mapshow(S1)
```



Matlab kod i prikaz

```
>> S2=shaperead('opstine.shp');  
>> mapshow(S2)
```



Atributi i grafički prikaz

```
>> S2(1)
```

```
ans =
```

```
Geometry: 'Polygon'
```

```
BoundingBox: [2x2 double]
```

```
X: [1x11377 double]
```

```
Y: [1x11377 double]
```

```
OPSTINA: 'Kotor'
```

```
>> X=S2(1).X;
```

```
>> Y=S2(1).Y;
```

```
>> plot(X,Y)
```

