# Local Density of States, Surfaces, and Adsorbates

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## 1 LDOS 1D

### 1.1 First problem

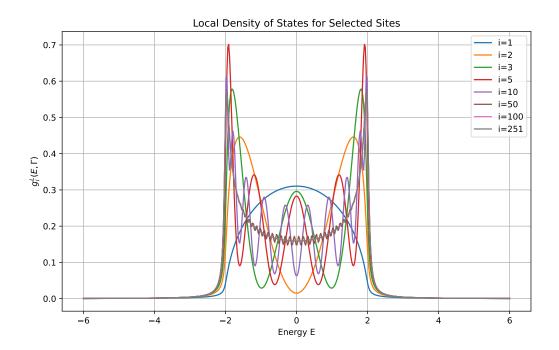


Figure 1: This figure...

#### 1.2 Second problem

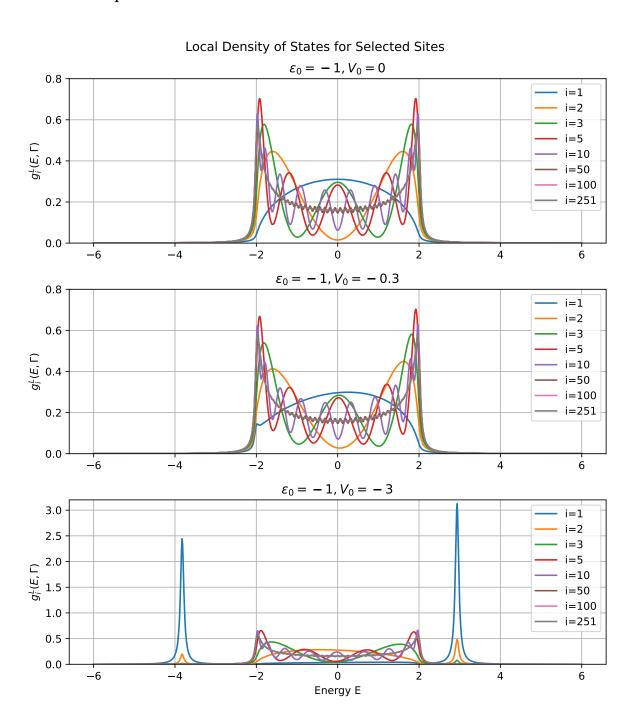


Figure 2: This figure...

#### 1.3 Third problem

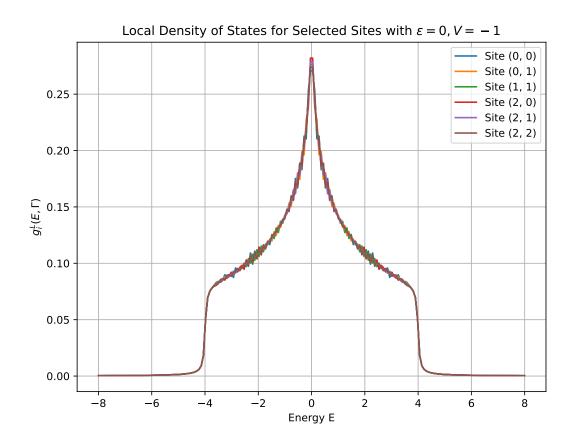


Figure 3: This figure...

#### 1.4 Fourth problem

#### Local Density of States With Adsorbates for Site (0,0)

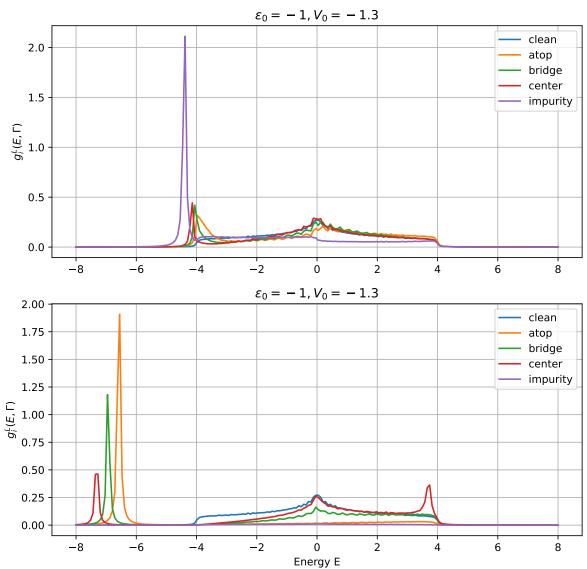


Figure 4: This figure...