

```
SetDirectory["C:\\drorbn\\AcademicPensieve\\2015-06\\Louvain"]
```

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```

```
img = Import["Atomium-8.png"]
```



```
Dimensions[im = ImageData[img]]
```

```
{256, 256, 3}
```

```
GraphicsGrid[Partition[
  Table[
    bs = 2^(8 - k);
    ps = Graphics[
      Raster[Reverse[Total[Partition[im, {bs, bs}], {3, 4}]/bs^2.]
    ],
    ImageSize -> 256, ImagePadding -> None, PlotRangePadding -> None
  ];
  Export["Atomium-" <> ToString[k] <> ".png", ps];
  ps,
  {k, 0, 5}
], 2]]
```

