

SPP_Lab3

Task 10

Rendering with Standard value:

```
Splitfac ist 500.  
Executing Kernel with grid (125,100) and block (8,8)  
GPU rendering required 0.0570528s.
```

Rendering with `cudaOccupancyMaxPotentialBlockSize`

```
Splitfac ist 500.  
blocksize:896  
minGridSize: 40  
Executing Kernel with grid (31,28) and block (32,28)  
GPU rendering required 0.0277955s.
```

result from `cudaOccupancyMaxPotentialBlockSize` :

blockSize: 896

minGridSize: 40

we choose (32,28) as 2d block size, and (31,28) as grid size

We can see, rendering with `cudaOccupancyMaxPotentialBlockSize` cost less time than standard value.