Packed Configuration Generator

Generates images with packed, image-filling, gas molecules.

```
• using Images
```

```
    using Random

imgPars = ▼Dict(
             :sy \Rightarrow 540
             :sx \Rightarrow 960
             :col ⇒ ▼Dict(
                         :_Ar ⇒ ▶ (
                                                   0.00934)
                         :_02 ⇒ ▶ (
                                                   0.209476)
                                                   0.78084)
                         :_N2 ⇒ ▶ (
                                                   0.000314)
                         :CO2 ⇒
 • # Packed image parameters
 • imgPars = Dict(
        :col => Dict(
             :_N2 => (RGB(0.2, 0.2, 0.2), 0.78084),
            :_02 => (RGB(0.2, 0.2, 0.8), 0.209476),
:_Ar => (RGB(0.2, 0.8, 0.2), 0.00934),
            :CO2 => (RGB(1.0, 0.0, 0.0), 0.000314),
        ),
             => 1920 ÷ 2, # 960,
        :SX
             => 1080 \div 2, # 540,
        :sy
   )
```

```
for K in keys(imgPars[:col])

diff = sum(values(iPixs)) - imgSiz
if diff != 0
iPixs[:_N2] -= diff
end
iPixs
end
```