

Working Title

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Abstract

```
for [index = 0 to ITERATIONS by 2]{  
  for [i = 1 to GRIDSIZE j = i to GRIDSIZE]  
    new[i,j] = (grid[i-1,j] + grid[i+1,j] +  
               grid[i,j-1] + grid[i,j+1]) * 0.25  
  
    for [i = 1 to GRIDSIZE j = i to GRIDSIZE]  
      grid[i,j] = (new[i-1,j] + new[i+1,j] +  
                  new[i,j-1] + new[i,j+1]) * 0.25  
}
```

```
#include <stdlib.h>  
#include <stdio.h>
```

```
int main(int argc, char *argv[]) {
```

```
    printf("Hello _world!");
```

```
    return 0;
```

```
}
```

$$E = mc^2$$

$$\alpha \exists \forall \Leftrightarrow$$

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$$x^n + y^n = z^n$$

$$\begin{aligned} E &= mc^2 \\ E &= mc^3 \end{aligned} \tag{1}$$

$$E = mc^4 \tag{2}$$

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