

Systemy CAD/CAE

2024/2025

Zadanie 3

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Zmodyfikowany fragment kodu odpowiedzialny za procesowanie wybranego koloru

```
% MY CHANGES
function
bitmap_h_red(filename,elementsx,elementsy,maxerror,max_refinement_level,color_edges_black, e_filename)

% read image from file
XX = imread(filename);

% extract red, green and blue components
RR = XX(:,:,1); %Red color [0,255]
GG = zeros(size(XX(:,:,2)));
BB = zeros(size(XX(:,:,3)));

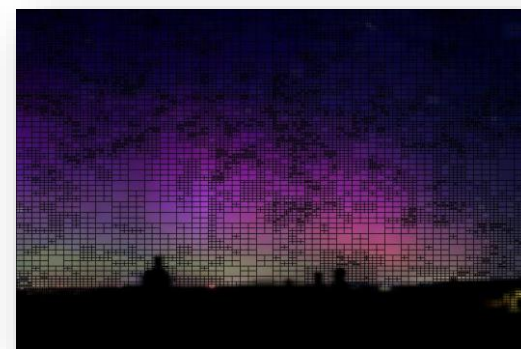
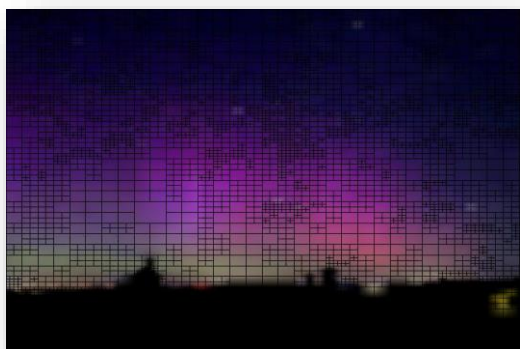
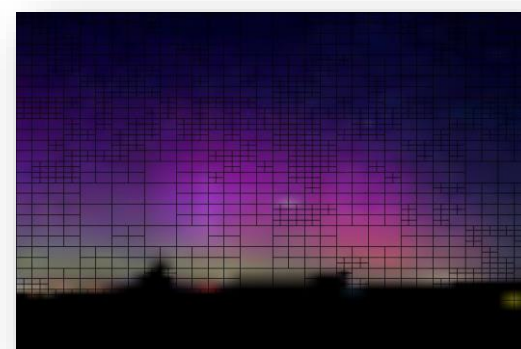
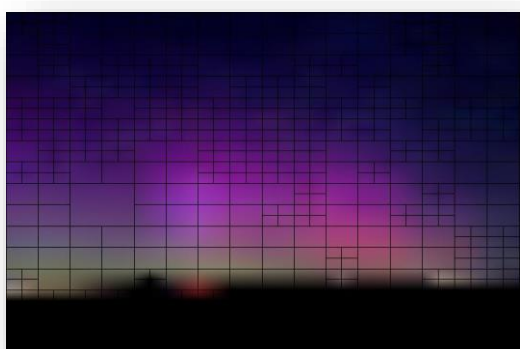
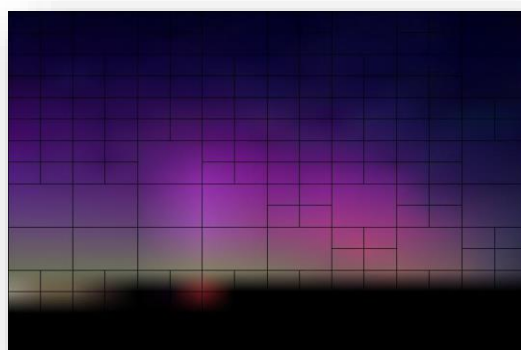
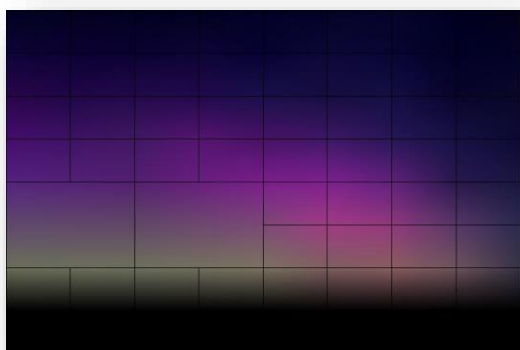
% END MY CHANGES
```

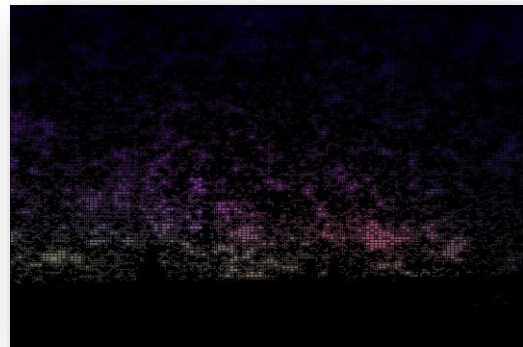
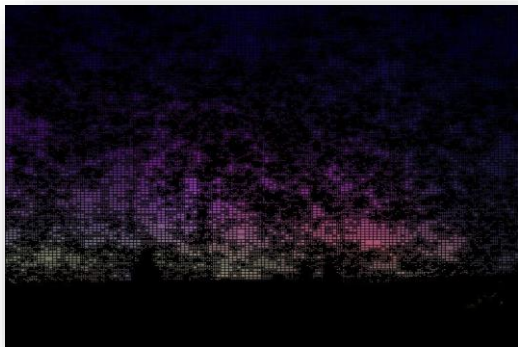
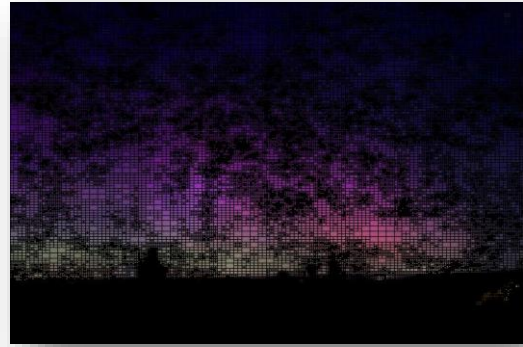
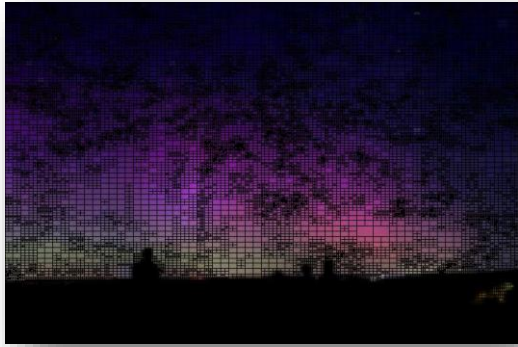
Bitmapa



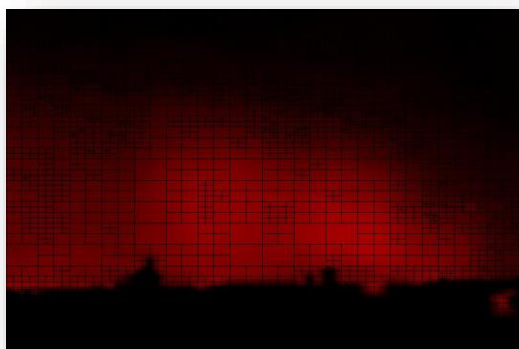
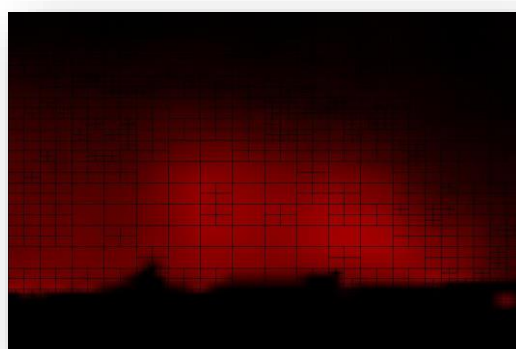
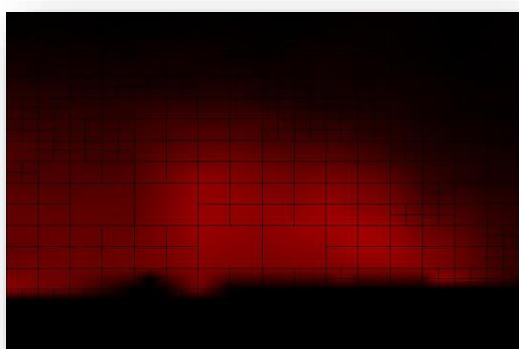
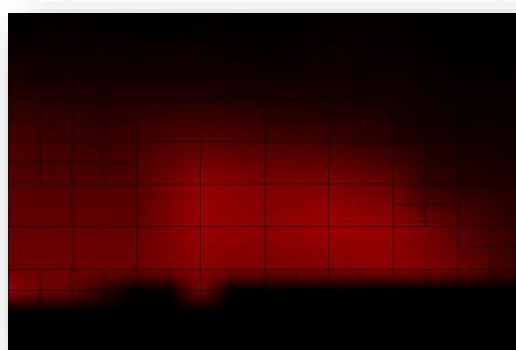
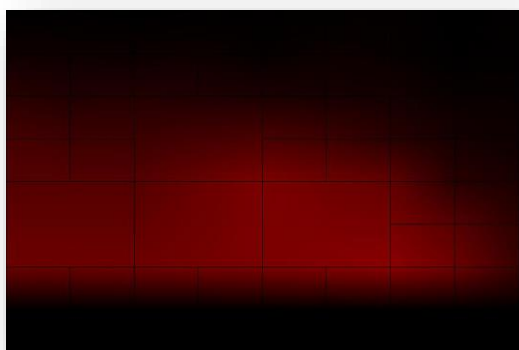
Rysunek 1. Bitmapa

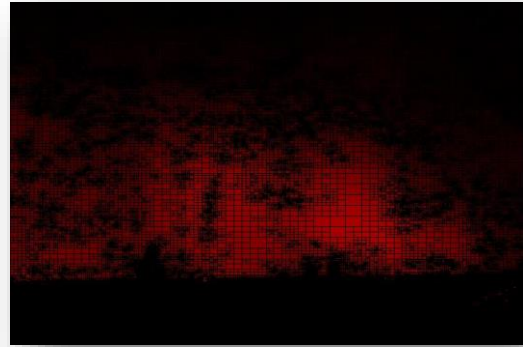
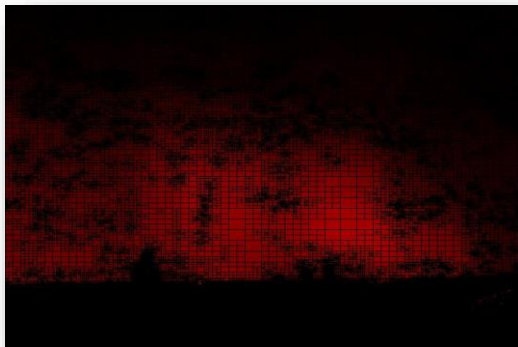
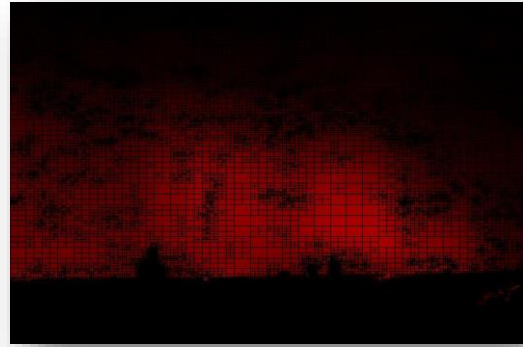
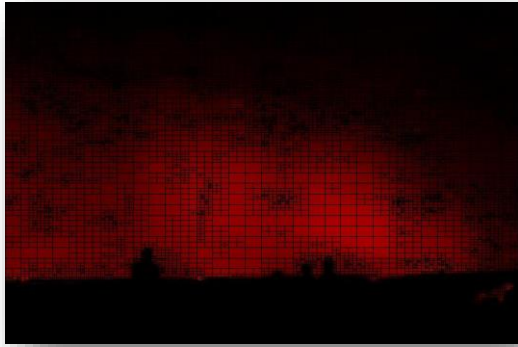
Aproksymacja dla wszystkich kolorów krok po kroku



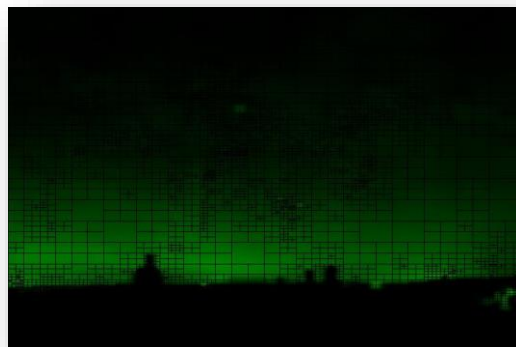
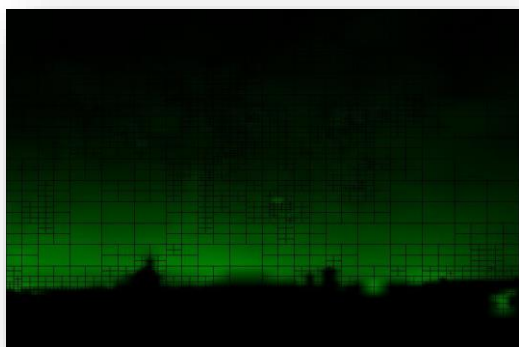
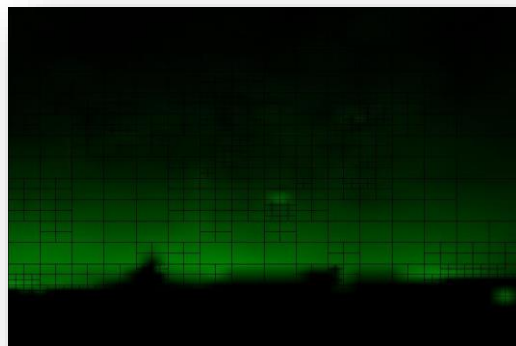
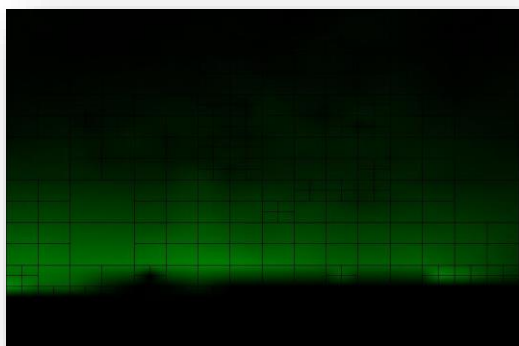
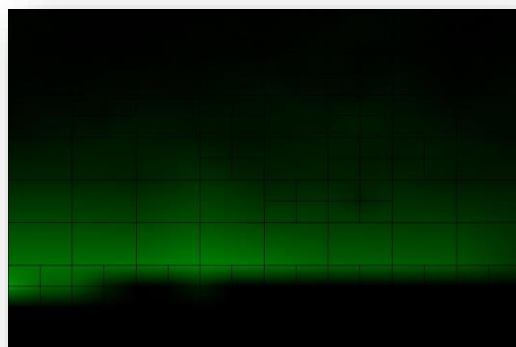
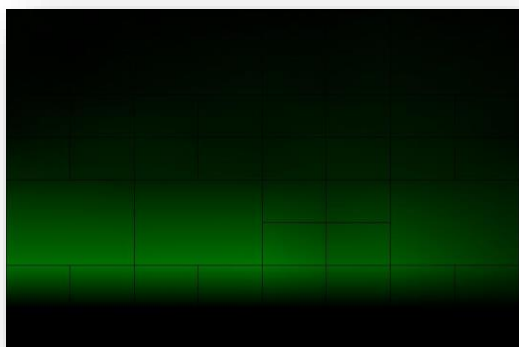


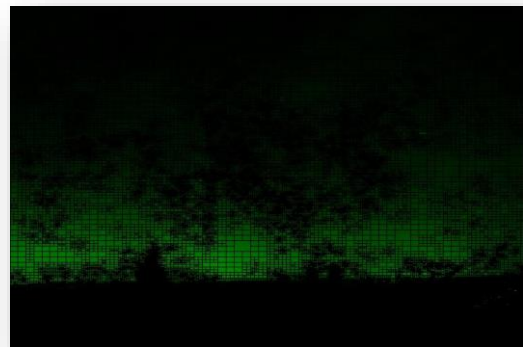
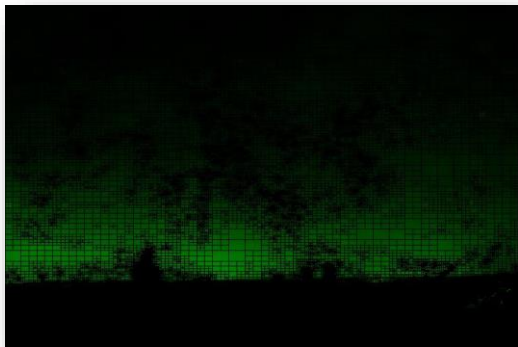
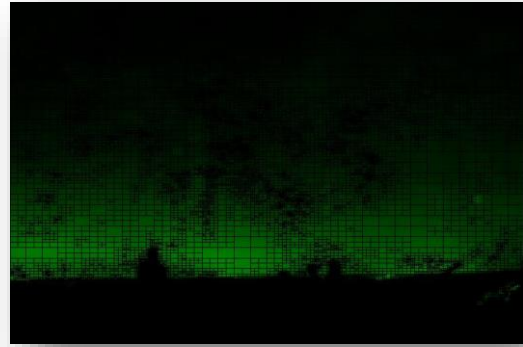
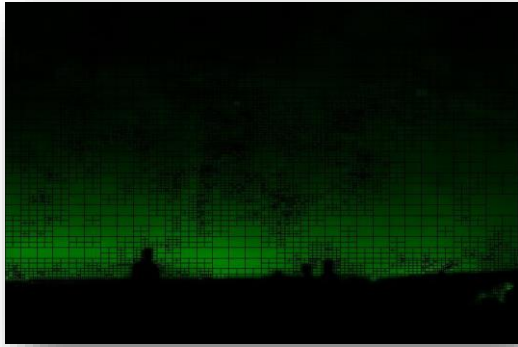
Aproksymacja dla koloru czerwonego krok po kroku





Aproksymacja dla koloru zielonego krok po kroku





Aproksymacja dla koloru niebieskiego krok po kroku

