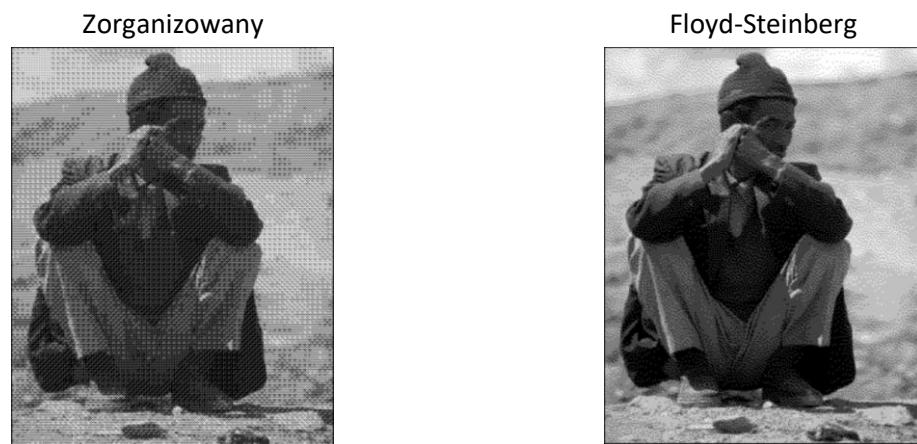


## Obraz czarnobiały

Dla obrazów czarnobiałych najskuteczniejszym algorytmem jest Dithering Floyd–Steinberga już dla obrazów o palecie 2 bitów można zaobserwować detale, a przy większym oddaleniu paleta 1 bitowa też daje bardzo dobre efekty. Dla 4 bitów obraz jest bardzo podobny do oryginału. Jest najbardziej złożonym algorytmem.



Dithering zorganizowany powoduje, że obraz staje się jaśniejszy i powstają kwadratowe artefakty.  
Jego zaletą jest to że jest szybszy od algorytmu Floyd–Steinberga



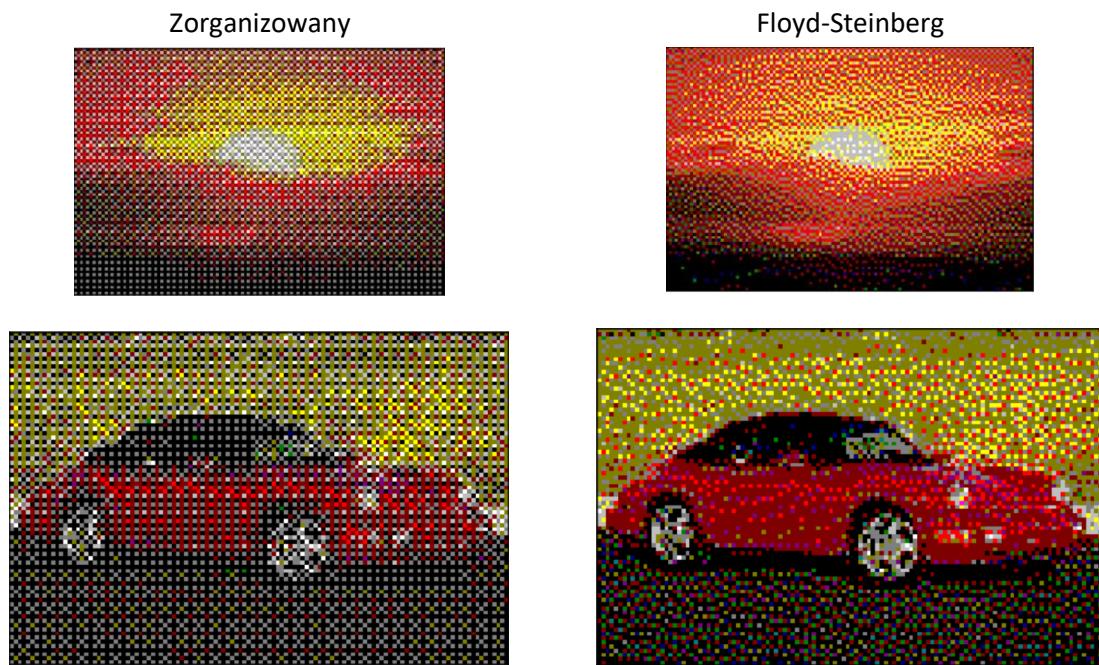
Dithering losowy działa najszybciej ale jest najgorszym z algorytmów.



## Obraz kolorowy

Dithering Floyd–Steinberga nie radzi sobie zbyt dobrze przy małych rozmiarach obrazów algorytm nawet przy dość dużej ilości kolorów, ponieważ pojedyncze piksele zapalone przez błąd ditheringu są bardziej widoczne, jednak jego działanie przy większych obrazach jest prawidłowe i zarazem najlepsze w porównaniu do badanych algorytmów.

Dithering zorganizowany powoduje, że obraz staje się wyszarzały i powstają kwadratowe artefakty. Jednakże jego zaletą jest to że jest szybszy od algorytmu Floyd–Steinberga.



Oryginalny obrazek



Random dithering



Color Fit



Ordered Dithering



Floyd Dithering



Oryginalny obrazek



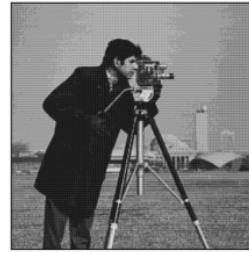
Random dithering



Color Fit



Ordered Dithering



Floyd Dithering



Oryginalny obrazek



Random dithering



Color Fit



Ordered Dithering



Floyd Dithering



Oryginalny obrazek



Random dithering



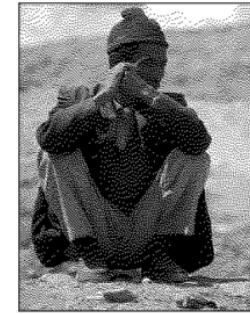
Color Fit



Ordered Dithering



Floyd Dithering



Oryginalny obrazek



Random dithering



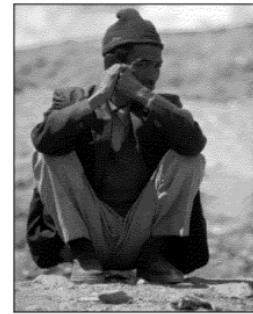
Color Fit



Ordered Dithering



Floyd Dithering



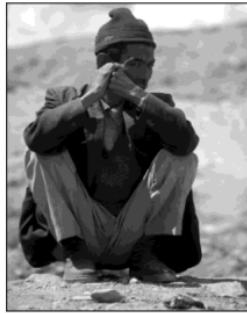
Oryginalny obrazek



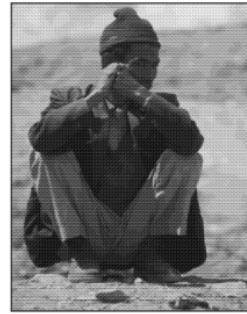
Random dithering



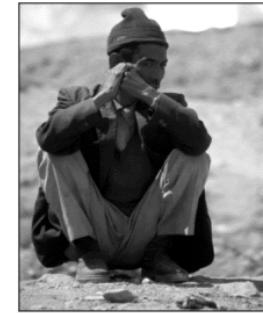
Color Fit



Ordered Dithering



Floyd Dithering



Oryginalny obrazek



Random dithering



Color Fit



Ordered Dithering



Floyd Dithering



Oryginalny obrazek



Random dithering



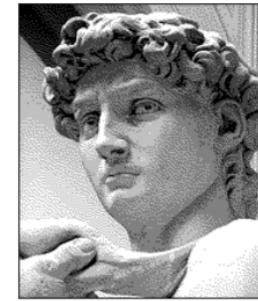
Color Fit



Ordered Dithering



Floyd Dithering



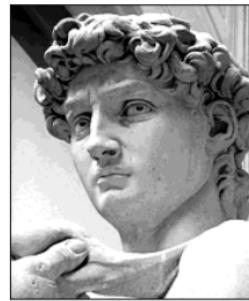
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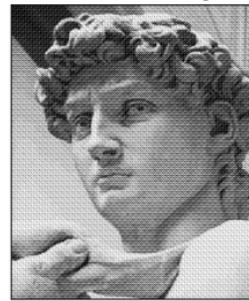
Random dithering



Color Fit



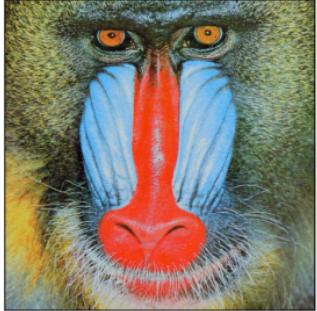
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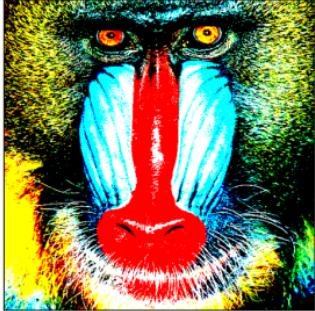
Floyd Dithering



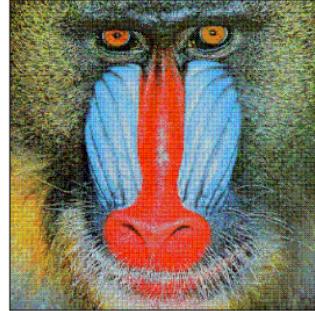
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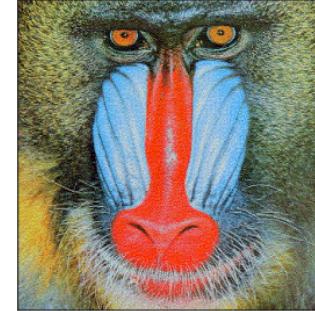
Fit 8 bit



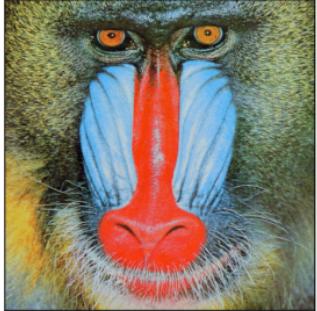
Ordered 8bit



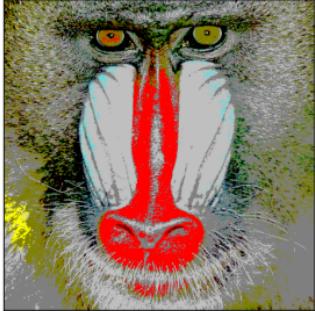
Floyd 8bit



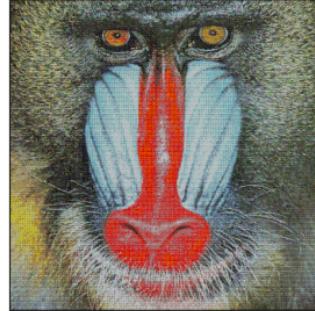
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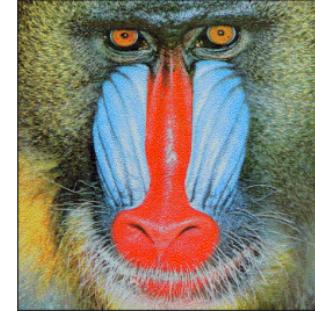
Fit 16bit



Ordered 16bit



Floyd 16bit



Oryginalny obrazek



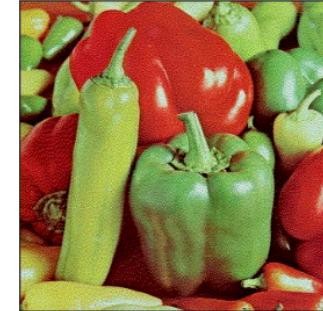
Fit 8 bit



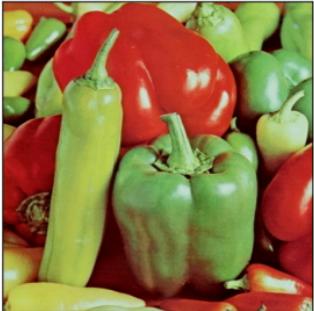
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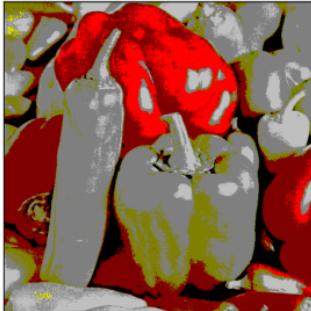
Floyd 8bit



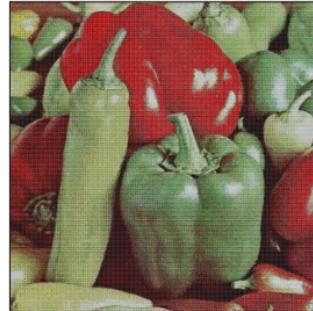
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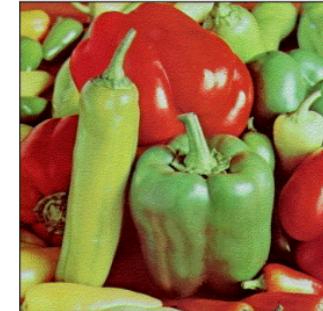
Fit 16bit



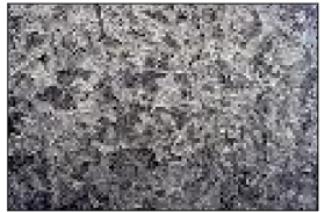
Ordered 16bit



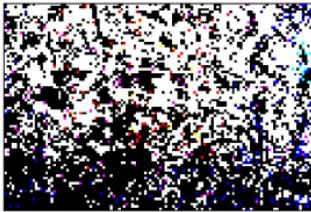
Floyd 16bit



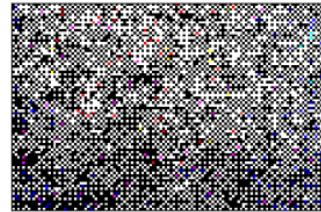
Oryginalny obrazek



Fit 8 bit



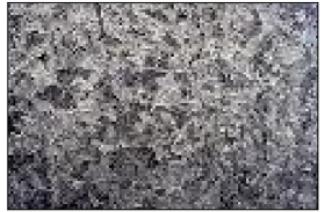
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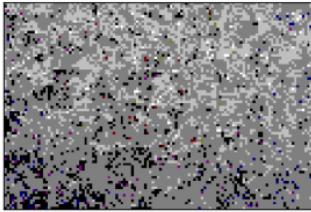
Floyd 8bit



Oryginalny obrazek



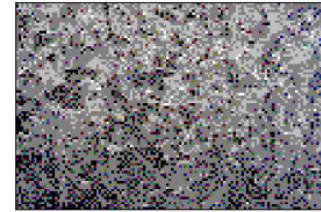
Fit 16bit



Ordered 16bit



Floyd 16bit



Oryginalny obrazek



Fit 8 bit



Ordered 8bit



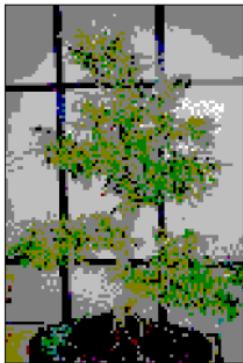
Floyd 8bit



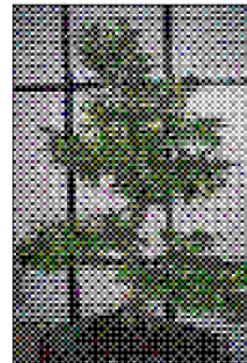
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Fit 16bit



Ordered 16bit



Floyd 16bit



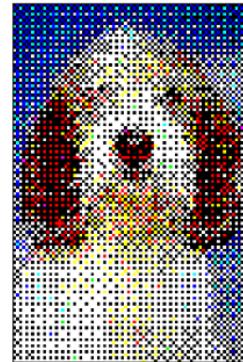
Oryginalny obrazek



Fit 8 bit



Ordered 8bit



Floyd 8bit



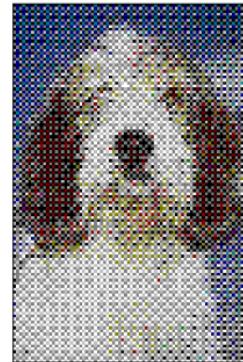
Oryginalny obrazek



Fit 16bit



Ordered 16bit



Floyd 16bit



Oryginalny obrazek



Fit 8 bit



Ordered 8bit



Floyd 8bit



Oryginalny obrazek



Fit 16bit



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Floyd 16bit



Oryginalny obrazek



Fit 8 bit



Ordered 8bit



Floyd 8bit



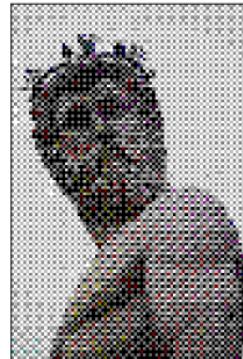
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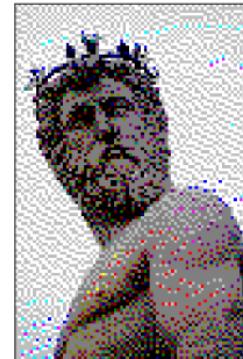
Fit 16bit



Ordered 16bit



Floyd 16bit



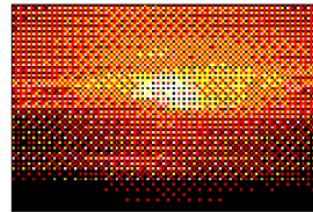
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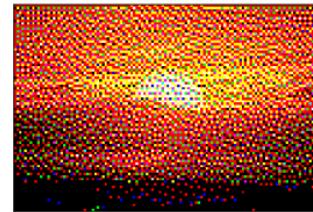
Fit 8 bit



Ordered 8bit



Floyd 8bit



Oryginalny obrazek



Fit 16bit



Ordered 16bit



Floyd 16bit

