

Tema 1

Aplicatii in vederea artificiala 2018-2019

Jitca David

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Partea 1.

Mozaic de tip caroiaj cu criteriul distantei euclidiene

1.1. adams.jpg



Figure1.1.1 adams.jpg cu 25 piese latime



Figure1.1.2 adams.jpg cu 50 piese latime



Figure1.1.3 adams.jpg cu 75 piese latime



Figure1.1.4 adams.jpgcu100piclatime

1.2. ferrari.jpeg

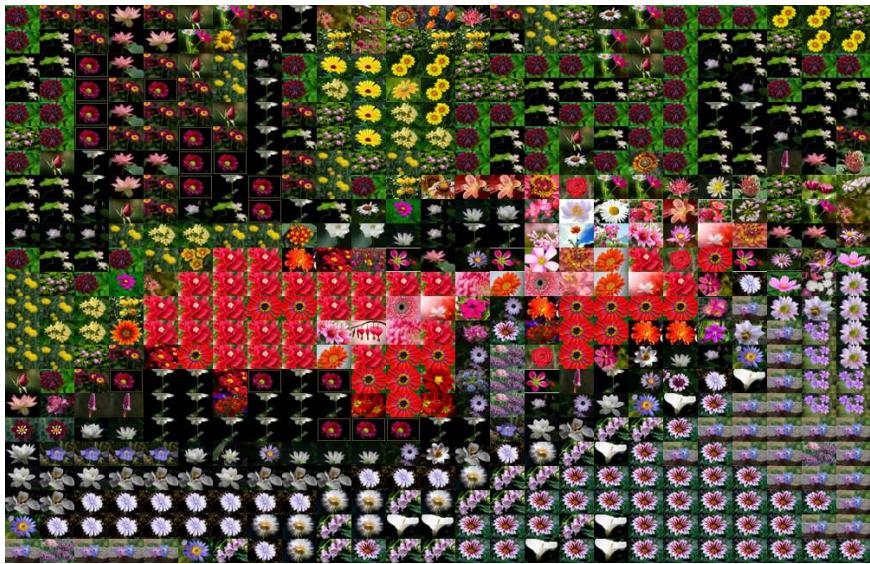


Figure1.2.1 ferrari.jpeg cu 25 piese latime

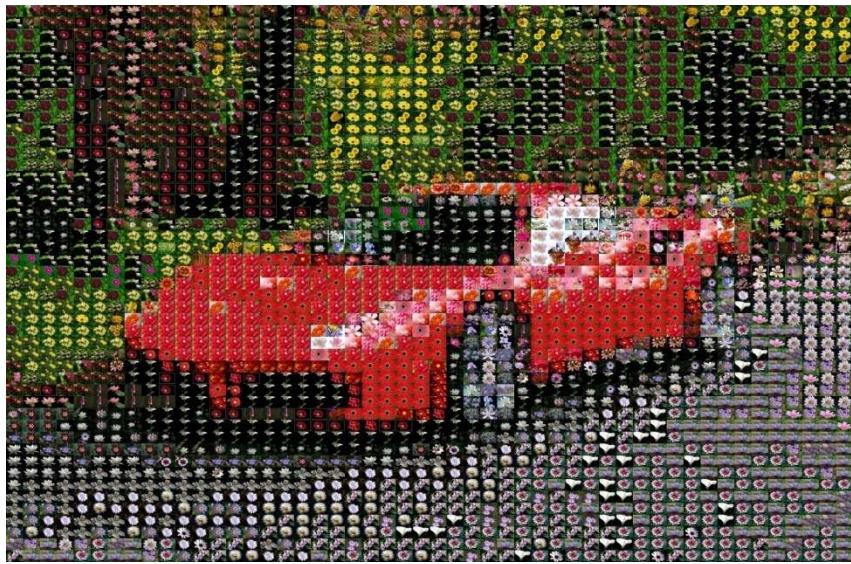


Figure1.2.2 ferrari.jpeg cu 50 piese latime

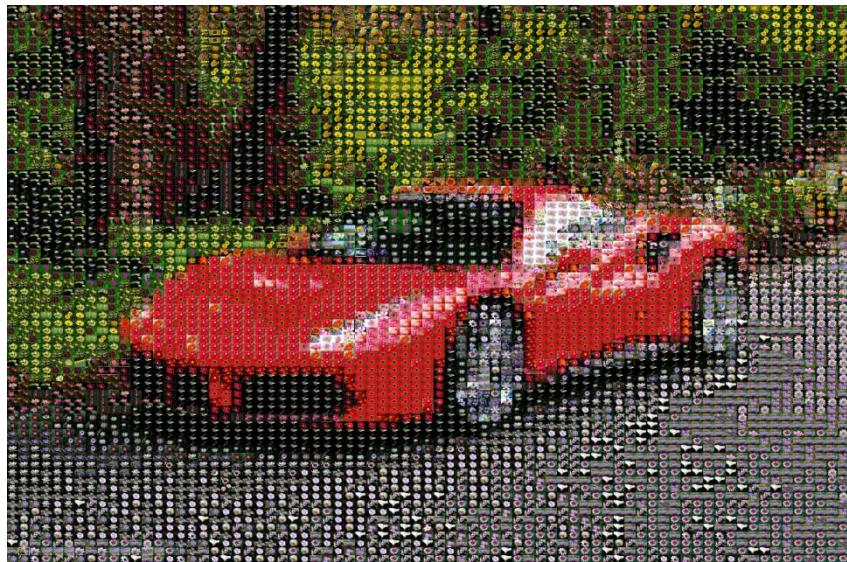


Figure1.2.3 ferrari.jpeg cu 75 piese latime



Figure1.2.4 ferrari.jpeg cu 100 piese latime

1.3. liberty.jpg

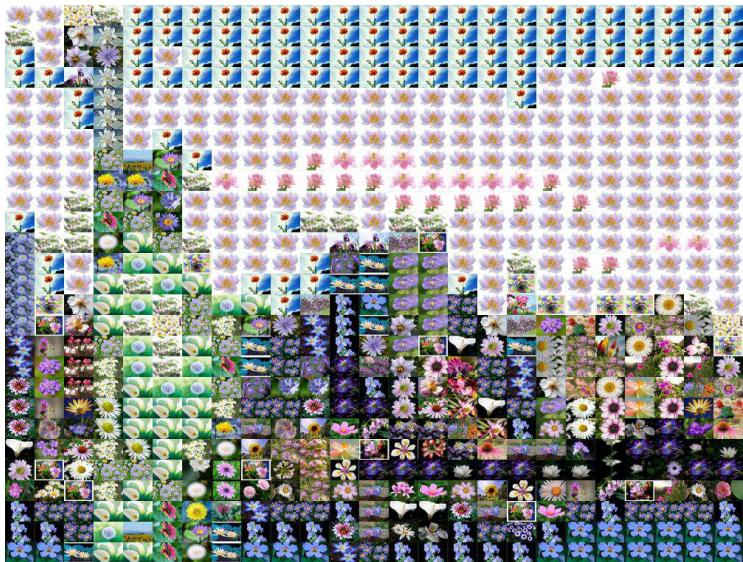


Figure1.3.1 liberty.jpg cu 25 piese latime

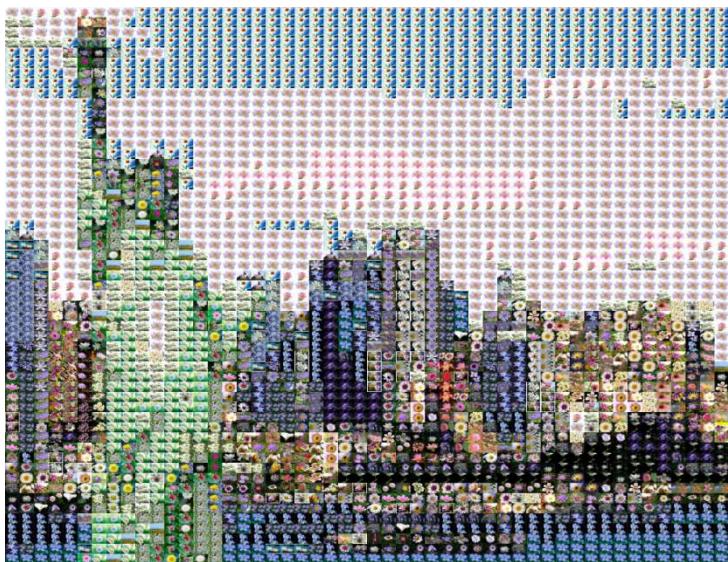


Figure1.3.2 liberty.jpg cu 50 piese latime

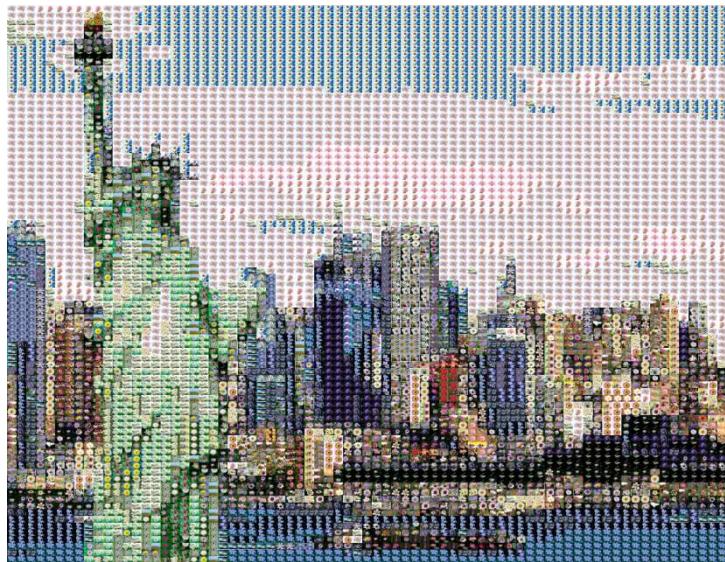


Figure1.3.3 liberty.jpg cu 75 piese latime

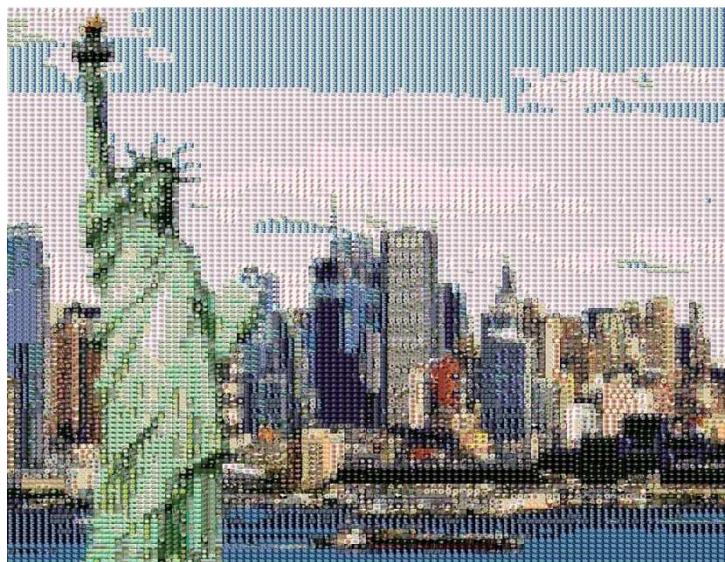


Figure1.3.4 liberty.jpg cu 100 piese latime

1.4. obama.jpeg

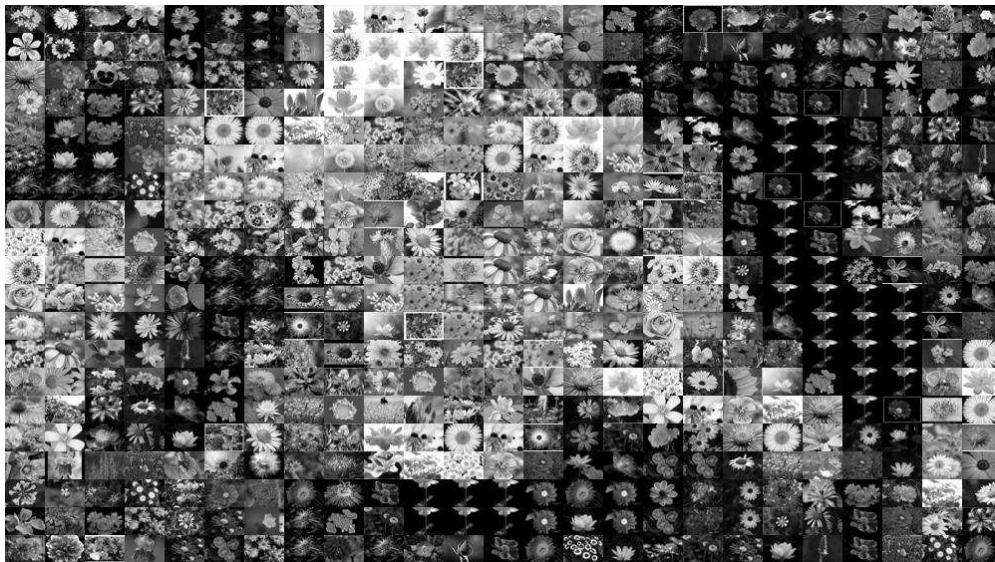


Figure1.4.1 obama.jpeg cu 25 piese latime

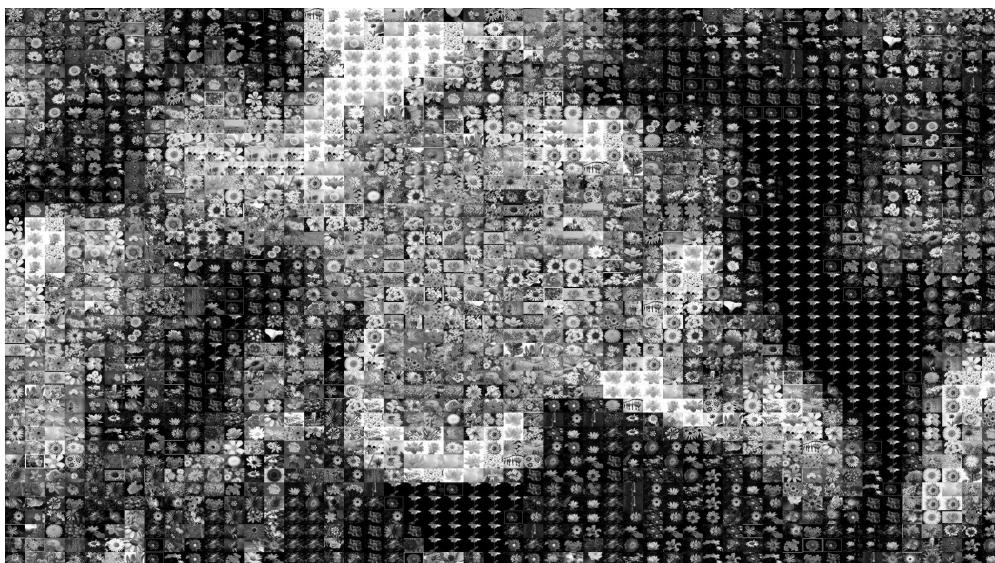


Figure1.4.2 obama.jpeg cu 50 piese latime



Figure1.4.3 obama.jpeg cu 75 piese latime



Figure1.4.4 obama.jpeg cu 100 piese latime

1.5. romania.jpeg



Figure1.5.1 romania.jpeg cu 25 piese latime



Figure1.5.2 romania.jpeg cu 50 piese latime



Figure1.5.3 romania.jpeg cu 75 piese latime



Figure1.5.4 romania.jpeg cu 100 piese latime

1.6. tomJerry.jpeg



Figure1.6.1 tomJerry.jpeg cu 25 piese latime

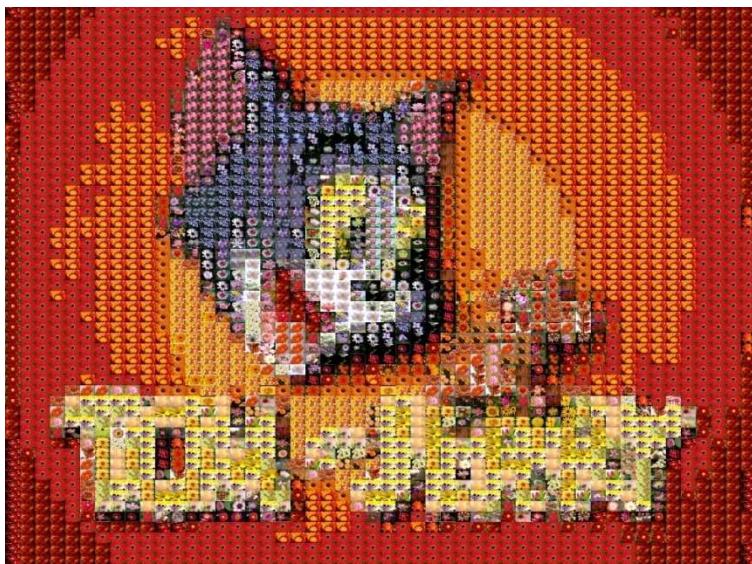


Figure1.6.2 tomJerry.jpeg cu 50 piese latime



Figure1.6.3 tomJerry.jpeg cu 75 piese latime

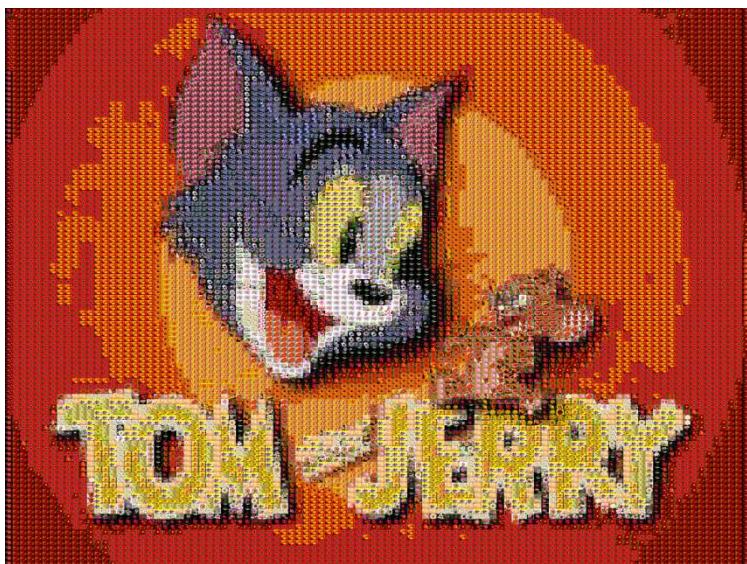


Figure1.6.4 tomJerry.jpeg cu 100 piese latime

1.7. Observatii

Pentru un numar mai mare de imagini, mozaicul format este mai aproape de imaginea reala. La un numar mic imaginea apare distorsionata deoarece un patch inlocuieste mai multi pixeli ai imaginii originale.

Partea 2.

Mozaic de tip aleator cu criteriul distantei euclidiene



Figure2.1 adams.jpg cu 100 piese latime puse aleator

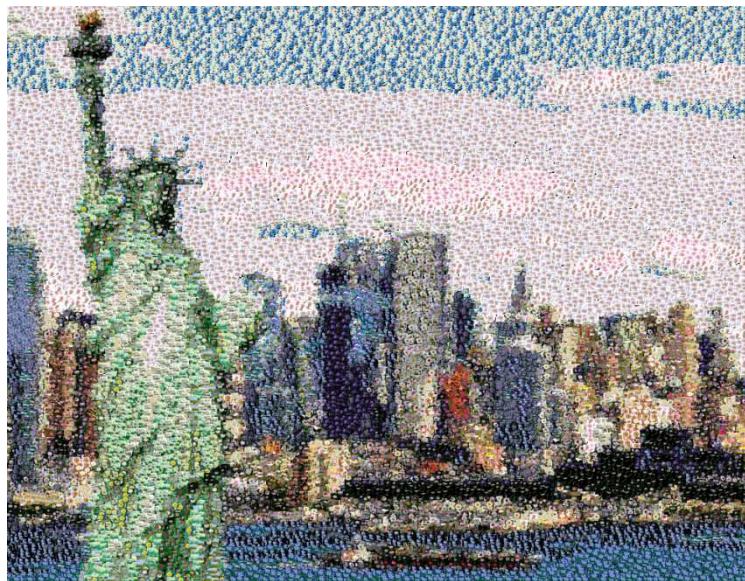


Figure2.2 liberty.jpg cu 100 piese latime puse aleator

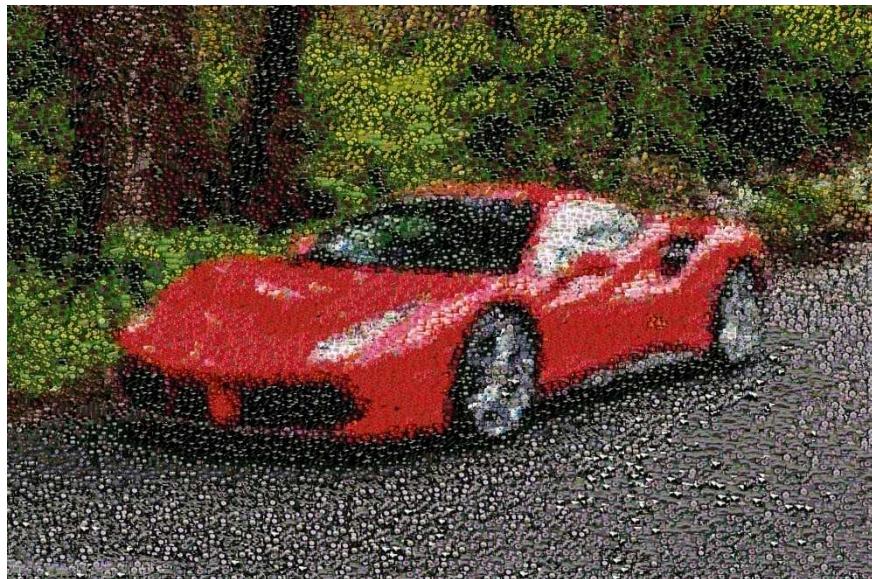


Figure2.3. ferrari.jpeg cu 100 piese latime puse aleator



Figure2.4 obama.jpeg cu 100 piese latime puse aleator



Figure2.5 romania.jpeg cu 100 piese latime puse aleator

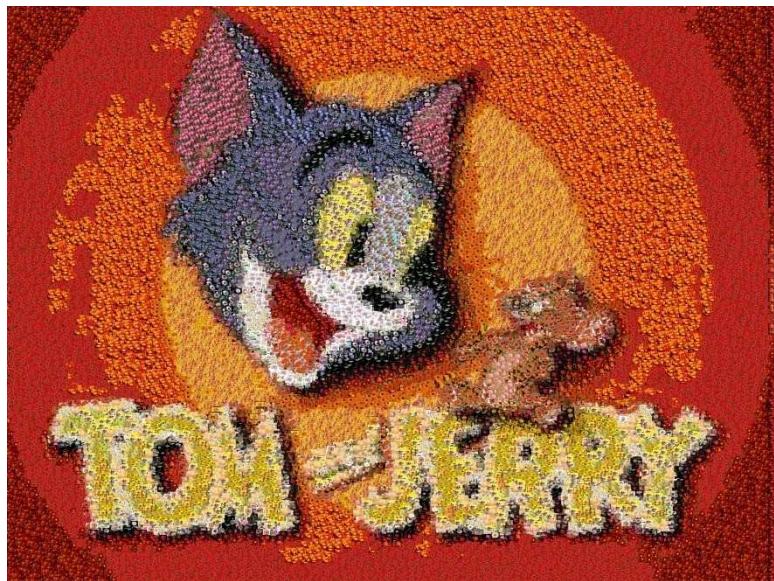


Figure2.6 tomJerry.jpeg cu 100 piese latime puse aleator

Partea 3.

1. Imagini adiacente diferite



Figure3.1 adams.jpg cu 100 piese latime, adiacente diferite



Figure3.2 ferrari.jpeg cu 100 piese latime, adiacente diferite

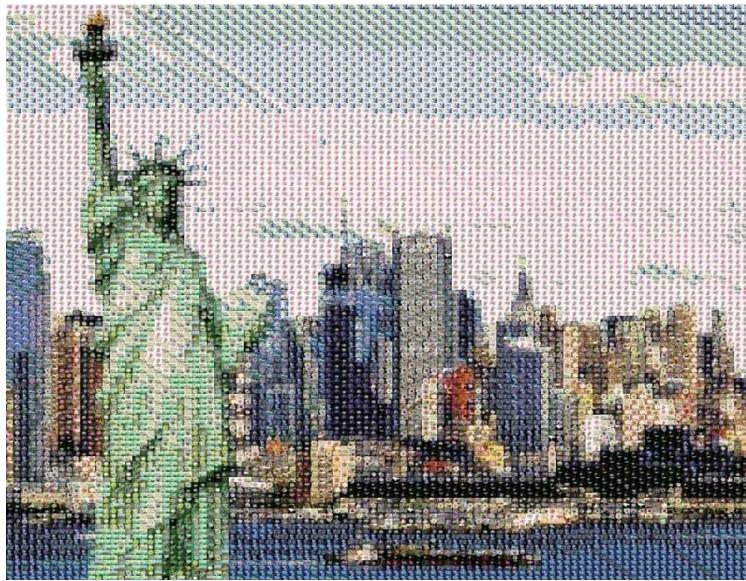


Figure3.3 liberty.jpg cu 100 piese latime, adiacente diferite



Figure3.4 obama.jpg cu 100 piese latime, adiacente diferite



Figure3.5 romania.jpg cu 100 piese latime, adiacente diferite

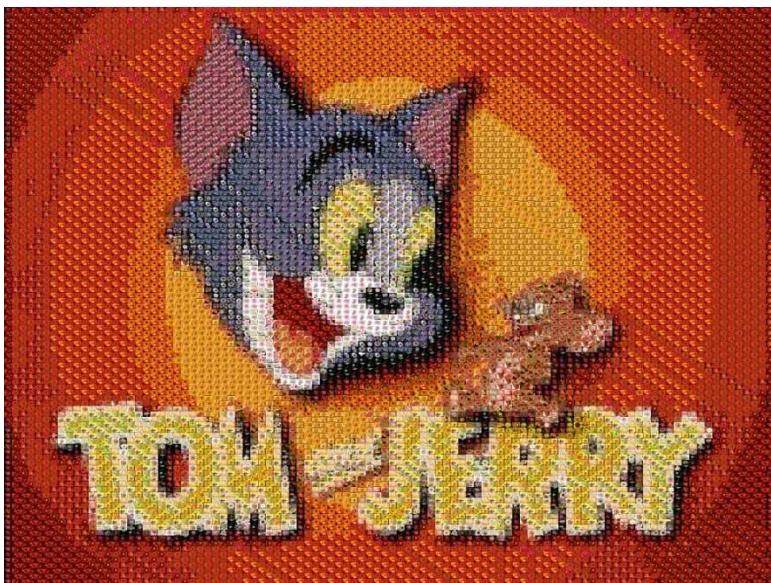


Figure3.6 tomJerry.jpeg cu 100 piese latime, adiacente diferite

Partea 4.

Imagini tematice cu seturi

Tema avion



Figure4.1.avion.jpg caroiaj

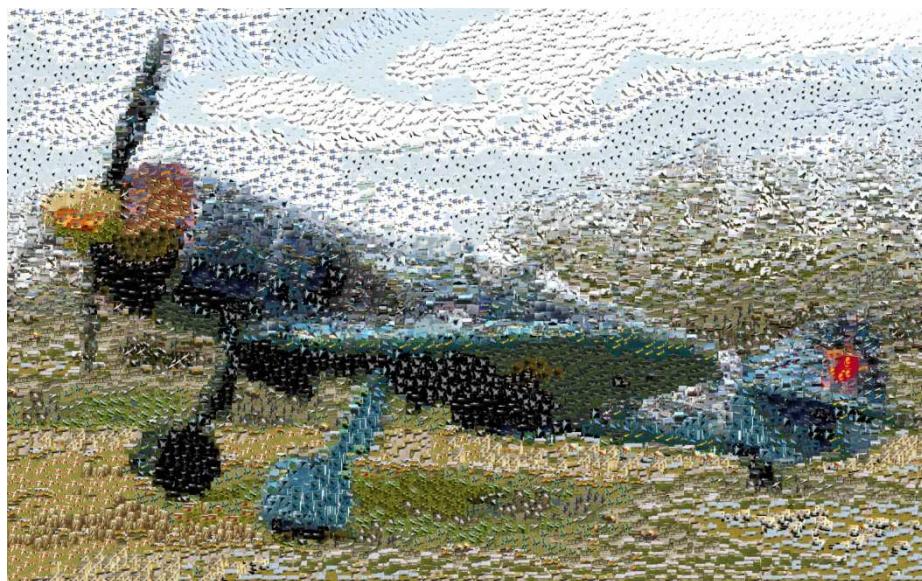


Figure4.2.avion.jpg aleator

Tema masina



Figure4.3.masina.jpg 150 piese caroiaj distinct



Figure4.4.masina.jpg 150 piese aleator

Tema nava

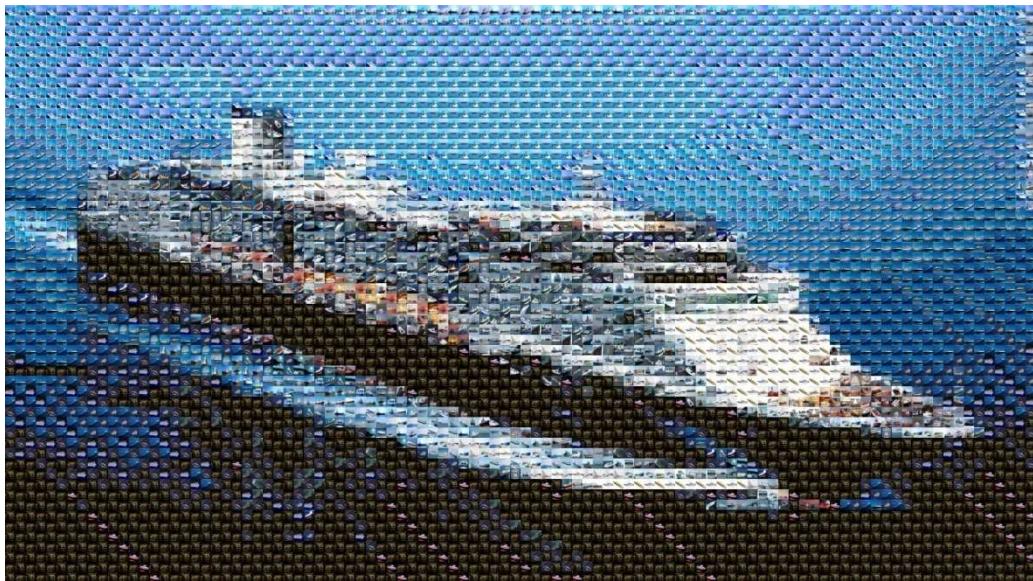


Figure4.5 nava.jpg caroiaj distinct



Figure4.6 nava.jpg aleator

Tema pasare

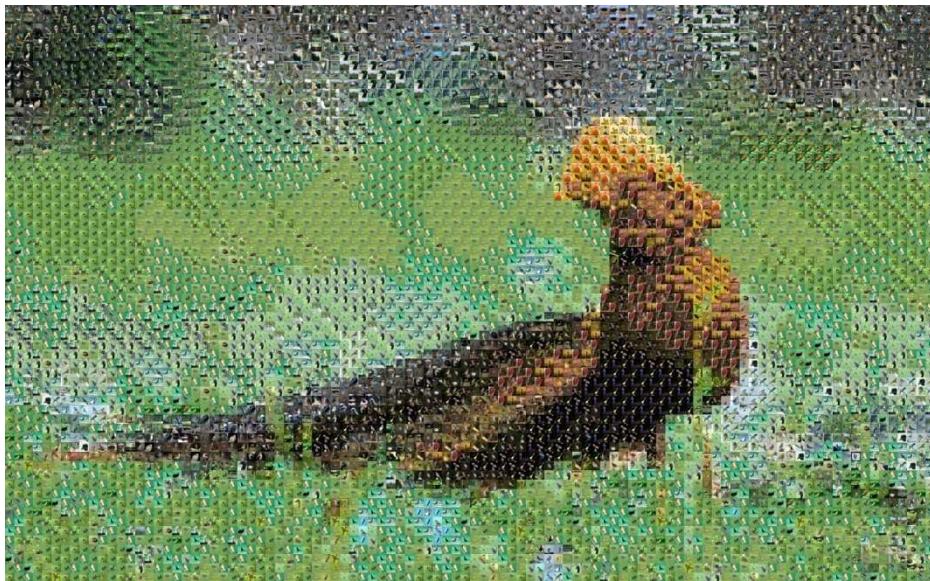


Figure4.7 pasare.jpg caroiaj distinrete



Figure4.8 .pasare.jpg aleator

Partea 5.

Imagini cu hexagoane distinct



Figure5.1 adams.jpg hexagoane distincte



Figure5.2 ferrari.jpg hexagoane distinct

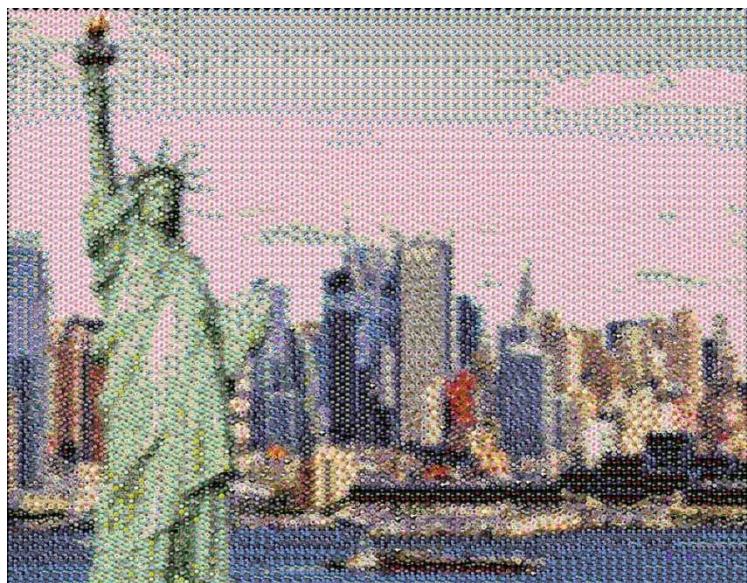


Figure5.3 liberty.jpg hexagoane distinct



Figure5.4 obama.jpg hexagoane distinete

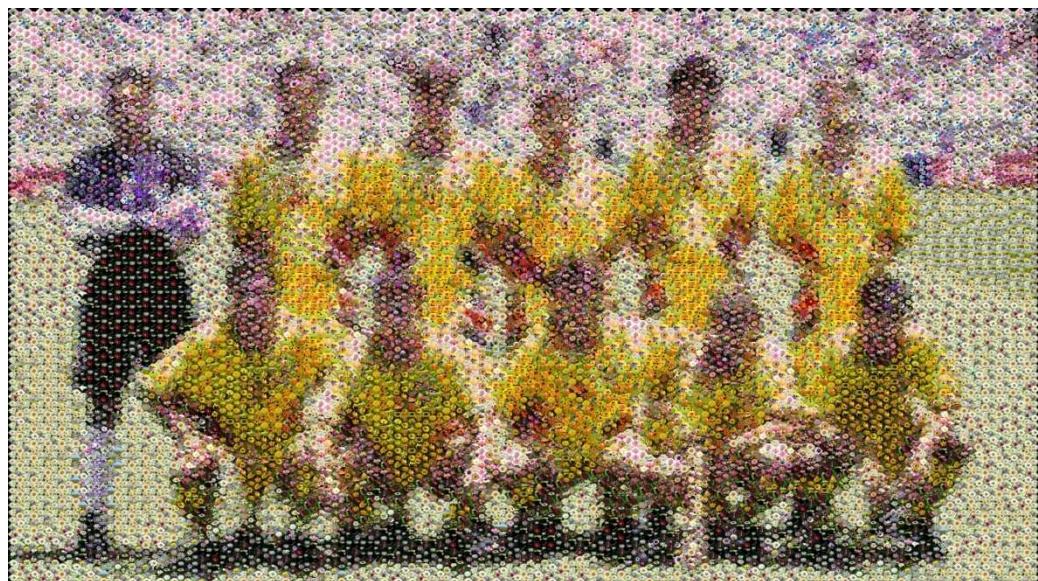


Figure5.5 romania.jpg hexagoane distinct

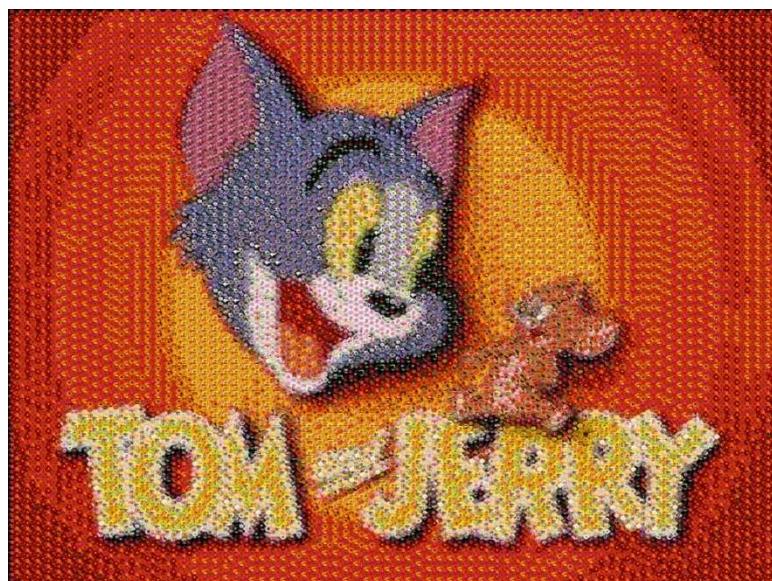


Figure5.6 tomJerry.jpg hexagoane distincte