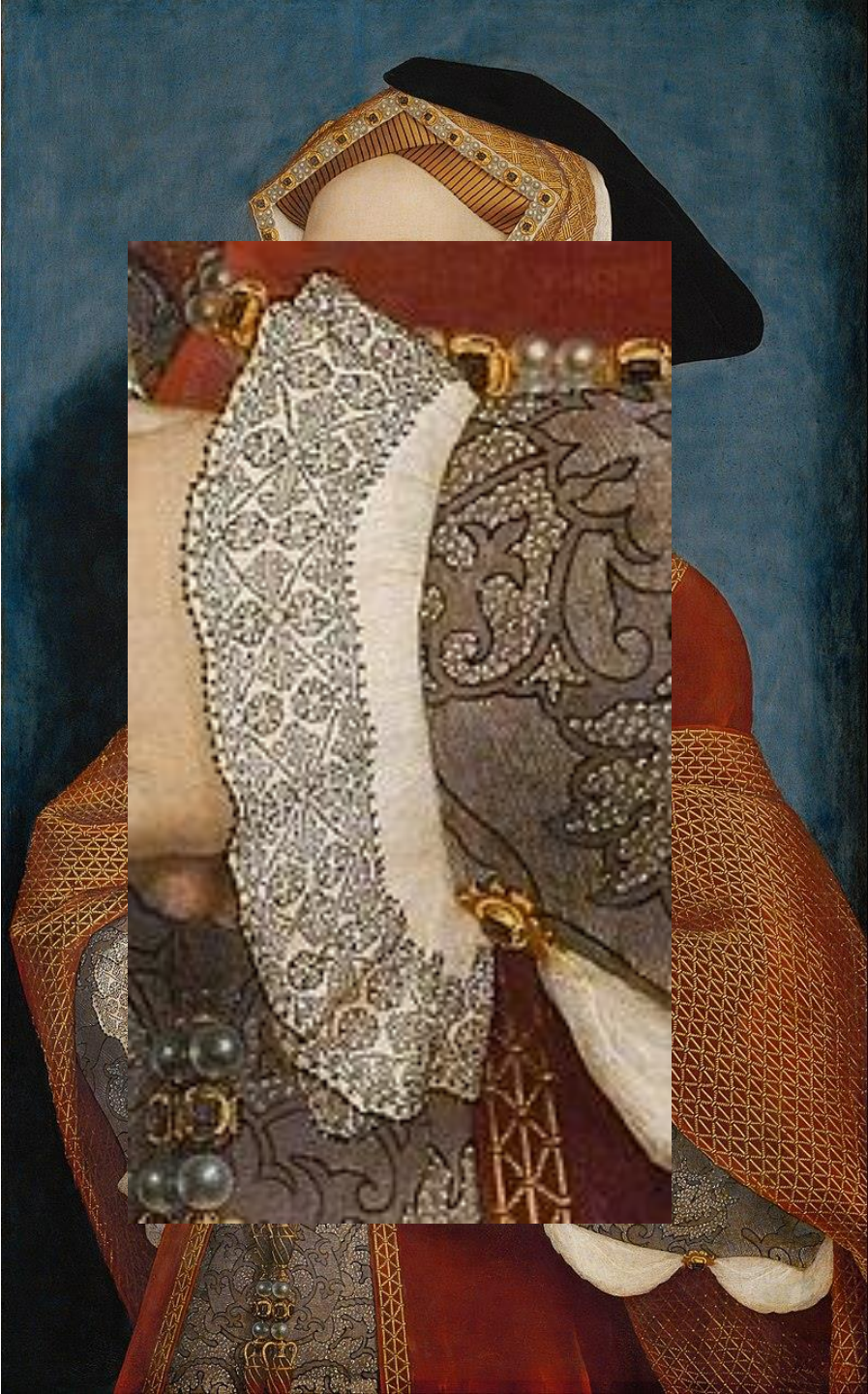
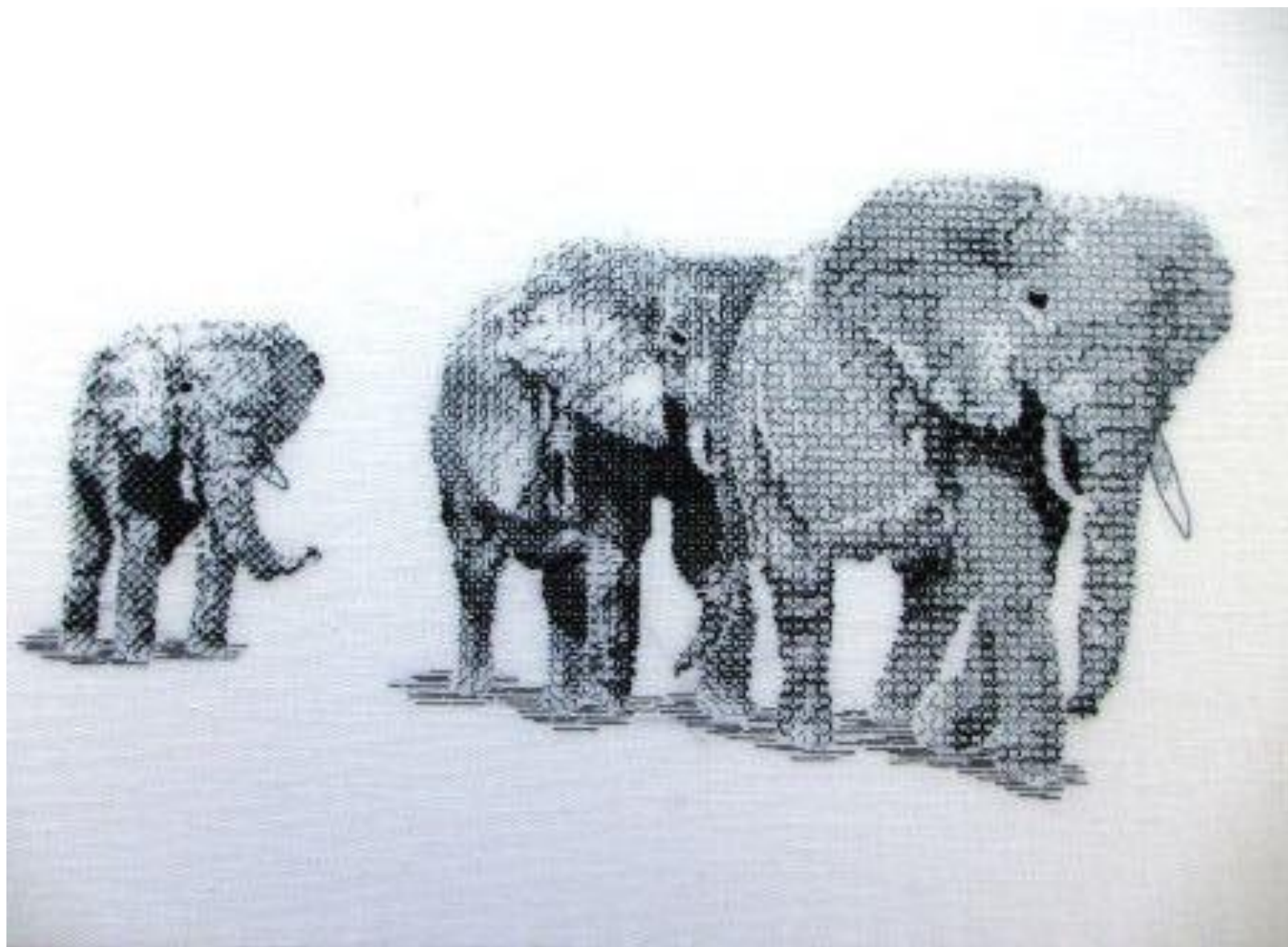


# A needling problem from embroidery

Eleanor Doman

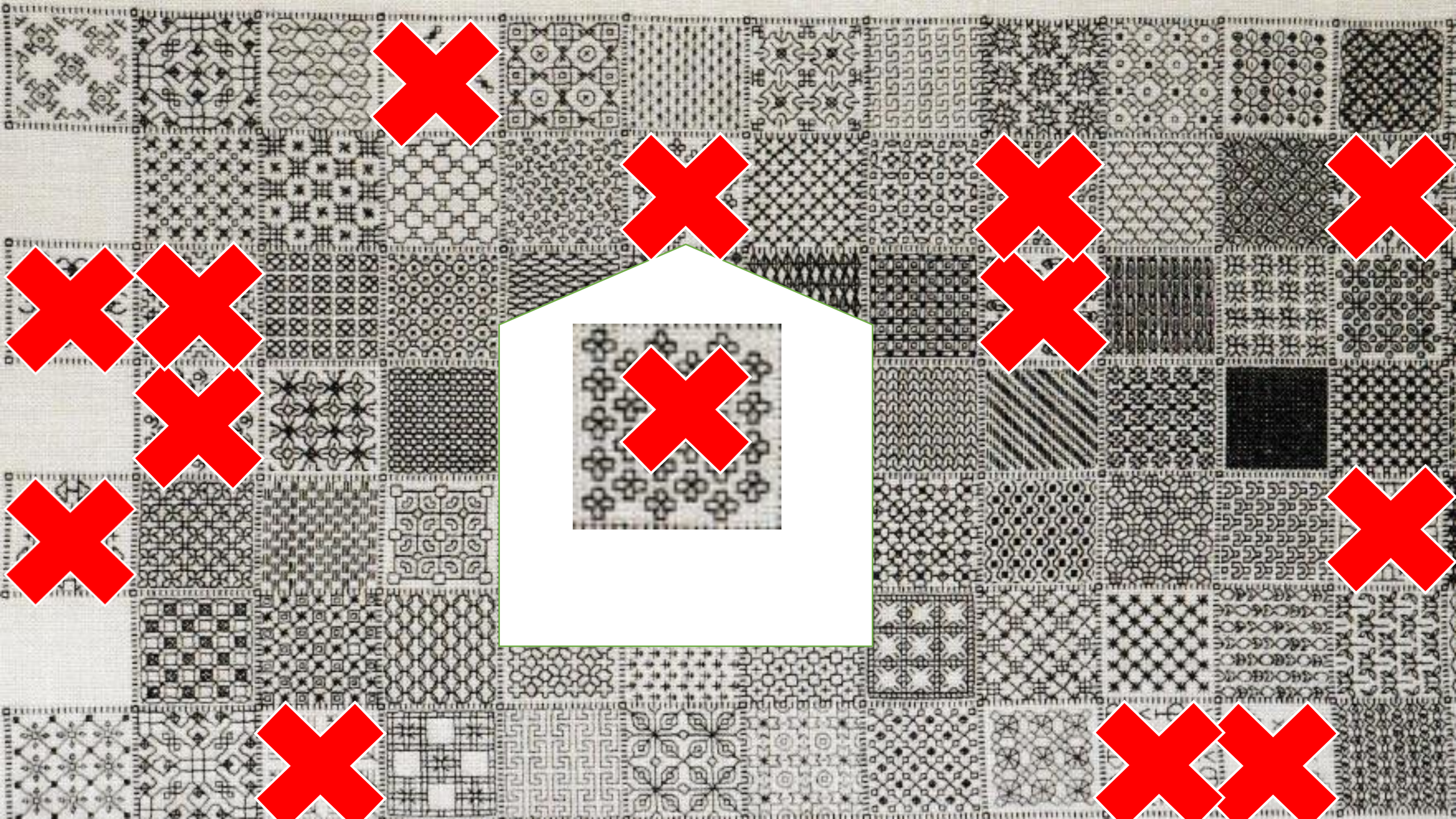




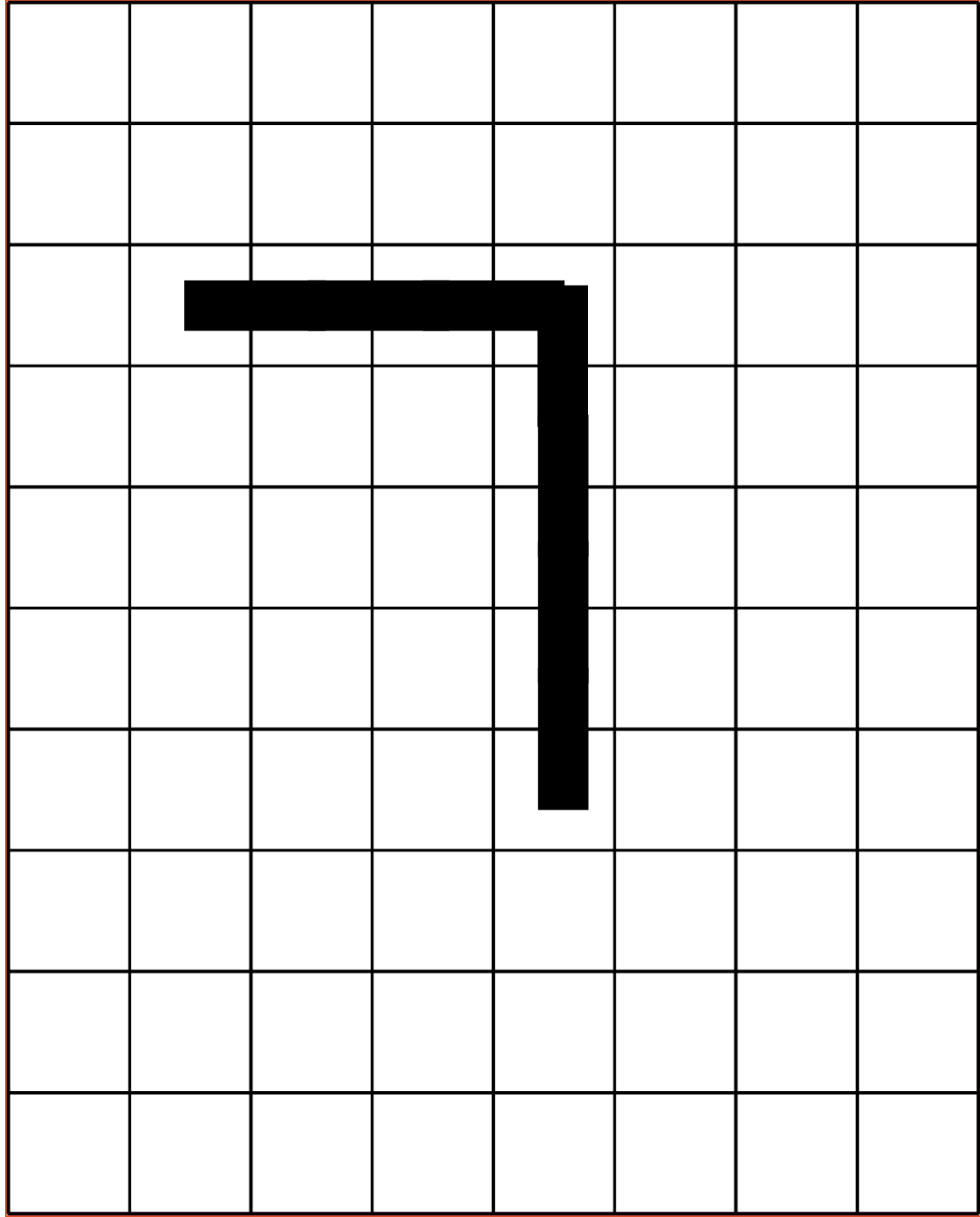










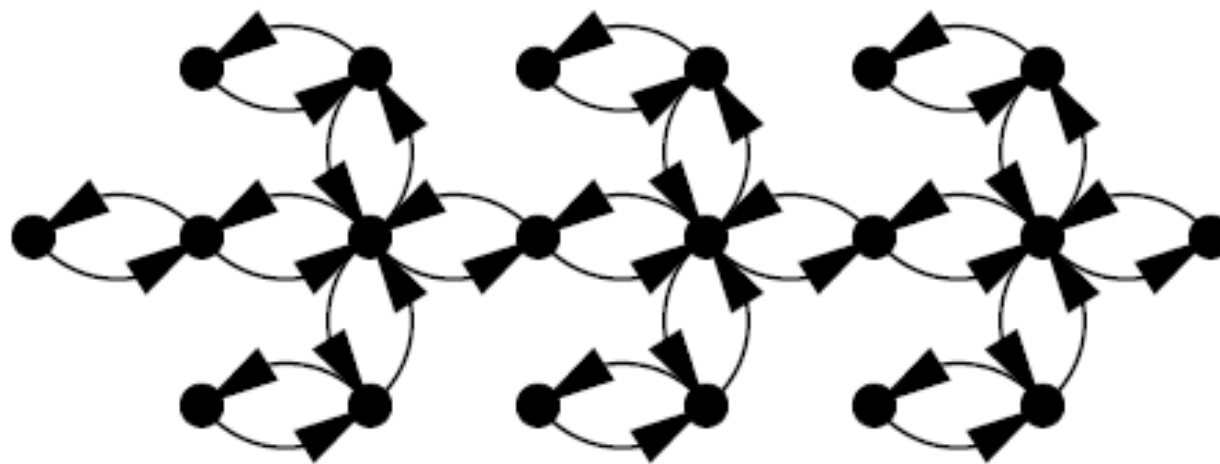


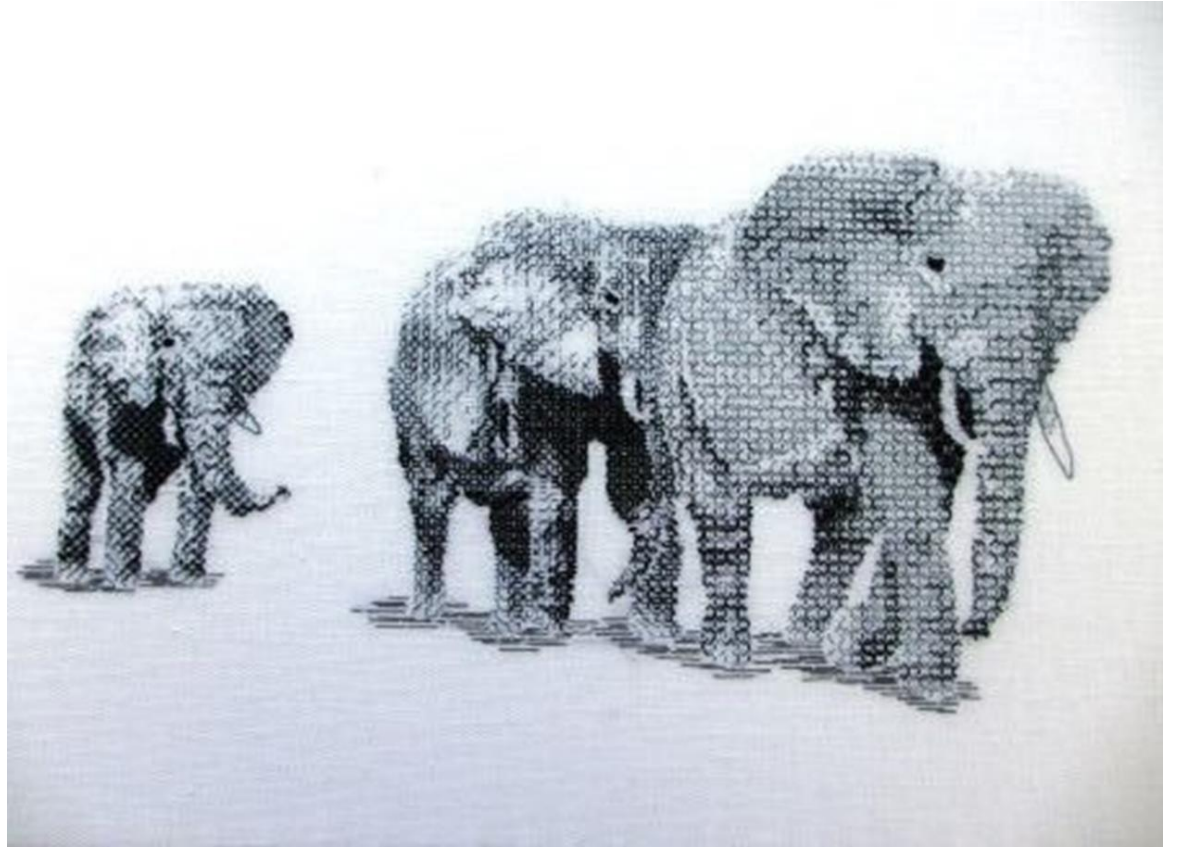
2007

# The Graph Theory of Blackwork Embroidery

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1. Does the 'even node' rule still work for 'textured' blackwork patterns?
2. What is the largest area we can cover using a single thread?
3. Is there an algorithm we can use to cover an area?

Thank you for listening!

Eleanor Doman

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chalkdust

A magazine for the mathematically curious