

Use GH to send and receive messages

1. Download the *Mathematica* notebook apr19.nb from course webpage to use as a template
2. Create your own 4×4 private key matrix V with a high Hadamard ratio (> 0.80)
3. Create your public key matrix W and check that the Hadamard ratio is very small
4. Publish W to the forum at onCourse as your public key
5. Use someone else's public key to create a ciphertext, and post this to the forum
6. Decrypt a message that was sent to you in the forum