RSA project small test case

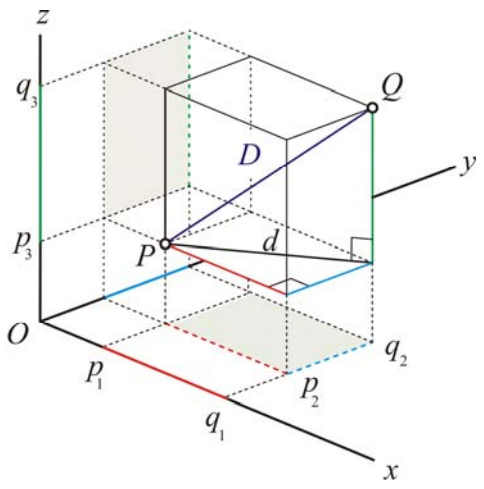
Take N = 864376574869328918871308268740885181899 9

e = 155523435191

Note that $N = p\ q$ with p = 87648723453278182189 and q = 98618273126372618291

Encrypt **this** page with the N and e. And decipher the encrypted file to get **exactly** the same page back … that opens normally as a pdf file.

The page you should get back should include these pictures and math text:



$$\vec{u}\times\vec{v} = \begin{bmatrix} u_1 \\ u_2 \\ u_3 \end{bmatrix} \times \begin{bmatrix} v_1 \\ v_2 \\ v_3 \end{bmatrix} := \begin{bmatrix} u_2v_3 - u_3v_2 \\ u_3v_1 - u_1v_3 \\ u_1v_2 - u_2v_1 \end{bmatrix}$$