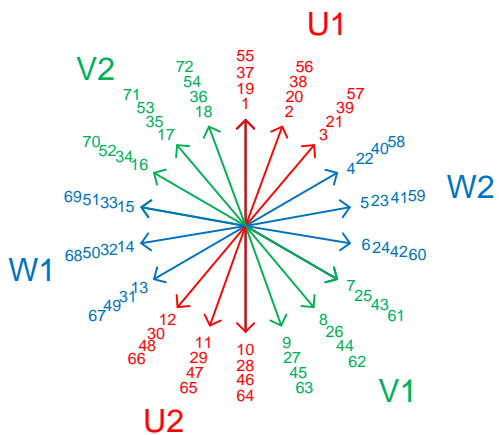
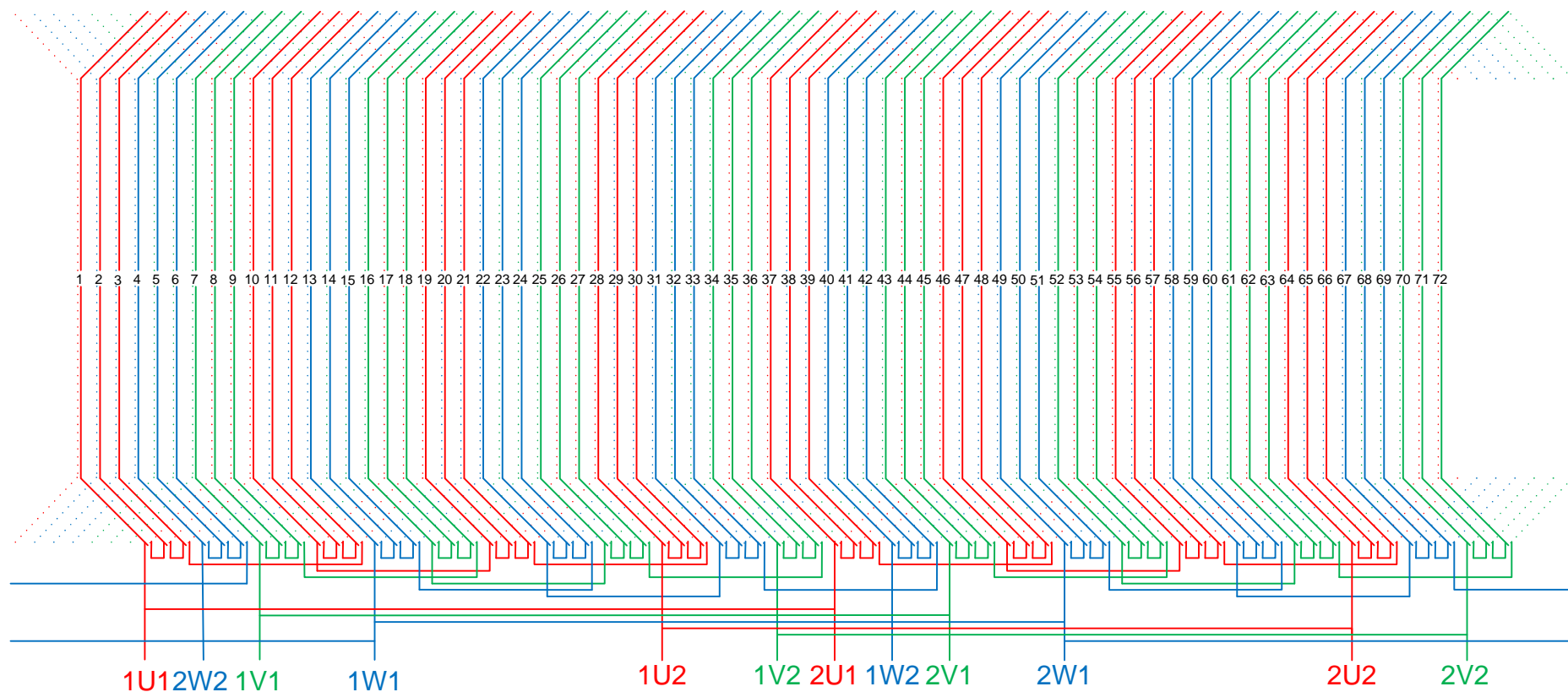


Razvijena shema  
trofaznog 8-polnog  
dvoslojnog petljastog  
namota: N=72, y=7, a=2



$$\alpha = \frac{p \cdot 360^\circ}{N} = 20^\circ$$

$$q = \frac{N}{2pm} = 3$$

$$\tau_p = \frac{N}{2p} = 9$$

$$\nu = 5$$

$$y = \left( \frac{\nu - 1}{\nu} \right) \cdot \tau_p = 7.2$$

$$\Rightarrow y = 7$$

$$f_{zv} = \frac{\sin\left(q \frac{\nu \cdot \alpha}{2}\right)}{q \cdot \sin\left(\frac{\nu \cdot \alpha}{2}\right)}$$

$$f_{z1} = 0,9598$$

$$f_{z3} = 0,6667$$

$$f_{z5} = 0,2176$$

$$f_{z7} = 0,1774$$

$$f_{sv} = \sin\left(\nu \frac{y}{\tau_p} \frac{\pi}{2}\right)$$

$$f_{s1} = 0,6428$$

$$f_{s3} = 0,8660$$

$$f_{s5} = 0,3420$$

$$f_{s7} = 0,9848$$

$$f_{nv} = f_{zv} \cdot f_{sv}$$

$$f_{n1} = 0,6170$$

$$f_{n3} = 0,5774$$

$$f_{n5} = 0,0744$$

$$f_{n7} = 0,1717$$