Source: exr0n20phys201retIndex

```
r1 = 80
r2 = 49
r3 = 51
r4 = 37
r5 = 45
r6 = 75


Vall = 24

r45 = r4*r5/(r4+r5)
r456 = r45+r6
r23 = r2+r3
r23456 = (r23 * r456) / (r23 + r456)

rall = r1 + r23456
iall = Vall/rall

i1 = iall
i23456 = i1

v1 = i1*r1

v23456 = vall - v1
v23 = v23456
v456 = v23456

i23 = v23/r23
i2 = i23
i3 = i23
v2 = i2 * r2
v3 = i3 * r3

i456 = v456/r456
i45 = i456
i6 = i456

v45 = i45*r45
v6 = i6*r6

v4 = v45
v5 = v45
i4 = v4/r4
i5 = v5/r5

r1 + 0  = 80
r2 + 0  = 49
r3 + 0  = 51
r4 + 0  = 37
r5 + 0  = 45
r6 + 0  = 75

v1 + 0  = 14.9070635575
```

```
v2 + 0  = 4.4555388568
v3 + 0  = 4.6373975857
v4 + 0  = 1.9372666893
v5 + 0  = 1.9372666893
v6 + 0  = 7.1556697532

i1 + 0  = 0.1863382945
i2 + 0  = 0.0909293644
i3 + 0  = 0.0909293644
i4 + 0  = 0.0523585592
i5 + 0  = 0.0430503709
i6 + 0  = 0.09540893

i1 * v1  = 2.7777567988
i2 * v2  = 0.4051393164
i3 * v3  = 0.4216756151
i4 * v4  = 0.1014324926
i5 * v5  = 0.0834000495
i6 * v6  = 0.6827147949
```