$$\sum_p \nu_p(\daleth) + \nu_o(\daleth)/3 + \nu_i(\daleth)/2 + \nu_\infty(\daleth) = k/12$$

$$2\pi i \sum_p \nu_p(\daleth) = \underbrace{\int^{v_r} \underline{\daleth}/\daleth - \int^{v_r \rtimes T} \underline{\daleth}/\daleth}_{=0} + \underbrace{\int^{c_r \rtimes S} \underline{\daleth}/\daleth - \int^{c_r} \underline{\daleth}/\daleth}_{=k(\log z_r - \log w_r)} - \underbrace{\int^{a_r} \underline{\daleth}/\daleth}_{\rightsquigarrow \pi i \nu_o(\daleth)/3} - \underbrace{\int^{b_r} \underline{\daleth}/\daleth}_{\rightsquigarrow \pi i \nu_i(\daleth)} - \underbrace{\int^{d_r} \underline{\daleth}/\daleth}_{\rightsquigarrow \pi i \nu_o(\daleth)/3} - \underbrace{\int^{h_r} \underline{\daleth}/\daleth}_{= 2\pi i \nu_\infty(\daleth)}$$

$$\log z_r - \log w_r \rightsquigarrow \log i - \log(o+1) = i(\pi/2 - \pi/3) = \pi i/6$$