$$v := 2*nue;$$
 $v := 2 nue$ (1)

$$\int \mathbf{ff2} := -2* (N) **nu * (1*q) **2/(3*Pi**2);$$

$$ff2 := -\frac{2 N^{2 nue} l^{2} q^{2}}{3 \pi^{2}}$$
(3)

$$rate := \frac{4 i p^{2} \left(1 - \frac{1}{\frac{2 i p - p min}{p width}}\right)}{1 + e^{\frac{2 i p - p min}{p width}}} + \frac{W \pi^{2} \left(\frac{2 i p}{p min}\right)^{p exinf}}{Ne0^{2} \left(1 + e^{\frac{2 i p - p min}{p width}}\right)}$$

$$(4)$$

ewfac := 1-exp(-t * rate);
$$-t \left(\frac{4ip^{2} \left(1 - \frac{1}{\frac{2ip - pmin}{pwidth}} \right)}{1 + e \frac{2ip - pmin}{pwidth}} + \frac{W\pi^{2} \left(\frac{2ip}{pmin} \right)^{pexinf}}{Ne0^{2} \left(1 + e \frac{2ip - pmin}{pwidth} \right)} \right)$$
ewfac := 1 - e

> DynamicBnm:=sum(ff2*cosarray[abs(nn-mm),ip]*ewfac,ip=1..N/2);

$$DynamicBnm := \sum_{ip=1}^{\frac{N}{2}} -\frac{1}{3\pi^{2}} \left(2N^{2} \frac{nue}{l^{2}} q^{2} \frac{cosarray_{|-nn+mm|, ip}}{q^{2} \frac{cosarray_{|-nn+mm|$$

Tip=1..N/2 realisiert p=2..N, p gerade! p=2*ip

1..N/2);