Pn (t rdt) Ph (t) (1 - terms) + terms dt t terms dt

Pn (++ dt) - Pn (+) 26 = - Po terms + terms + terms.

For terms we have the propensity function of any reaction scrus:

=
$$k_1N + 2k_2N(N-n) + k_3n(N-n)(n-1) = 0$$

$$k_1 N + 2 k_2 N (N-n) + k_3 n (N-n) (N-2) = term 3$$

M:= < N> (not)

$$+\sum_{n=0}^{\infty} n P_{n+1} \left(k_1 \left(n+1 \right) + \frac{k_2}{U} \left(n+1 \right) \left(N-n-1 \right) + \frac{k_3}{U^2} \left(n+1 \right) \left(N-n-1 \right) \left(N-n-2 \right) \right)$$

$$-\sum_{N\geq 0}^{8}NP_{N}\left(k_{1}N+2k_{2}N(N-n)+k_{3}N(N-n)(N-2)\right). = *$$

$$* = \sum_{k=0}^{\infty} [(k+1) p_{k}] (k_{1} (N - (k+1)+1) + \frac{k_{2}}{\sigma} ((k+1)-1) (N - (k+1)+1)$$

$$-\sum_{k=0}^{80} k P_{k} \left(k, N + 2 \frac{kz}{v^{2}} k (N - k) + \frac{k3}{v^{2}} k (N - k) + \frac{k3}{v^{2}} k (N - k) \right)$$