

$$dn_d/dt = (R_{db} + R_{d'b'} + R_{dd'} + R_{d0})n_d + R_{d'd}n_{d'} + R_{b'd}n_{b'} + R_{bd}n_b,$$

$$dn_{d'}/dt = (R_{14} + R_{13} + R_{12} + R_{10})n_{d'} + R_{dd'}n_d + R_{b'd'}n_{b'} + R_{bd'}n_b,$$

dt

$$R_{ij}$$

$$n_0(t)$$

$$e_0^1 h_0^1 \quad e_0^0 h_0^0$$

$$dn_b/dt = (R_{bb'} + R_{bd} + R_{bd'} + R_{b0})n_b + R_{d'b}n_{d'} + R_{db}n_d + R_{b'b}n_{b'},$$

$$dn_{b'}/dt = (R_{b'b} + R_{b'd} + R_{b'd'} + R_{b'0})n_{b'} + R_{d'b'}n_{d'} + R_{db'}n_d + R_{bb'}n_b,$$

..... E . (6)

$$I(t) = R_{B0} n_B(t) + R_{D0} n_D(t),$$

..... (7)

III. RATE EQUATION FOR THE RADIATIVE DECAY OF THE BIEXCITON

↑ *B-D*

$$F = \frac{1}{2} \left(\frac{R_{B0}}{F} - \frac{S}{S} \right), \quad (12)$$

$$S = \frac{1}{2} \left(\frac{R_{B0}}{F} + \frac{F}{S} \right). \quad (13)$$

I ... $I(t)$...
 dn_0/dt [E ... (6)], ... $R_{D0}=0$...
 $I(t)=R_{B0} n_B(t)$... $I(t)$...

I
D *et al.*⁹ E *et al.*,¹³
 $R(X^0) \approx R_{B0}^{-1} = 1.1$ I 0.6G 0.4A /G A
B *et al.*,¹⁴
1.55
1 B k *et al.*¹⁵ *et*
*al.*¹⁶ C

