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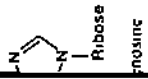
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Microscopy

(8-53)

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lum yield of the donor.

occurs over a band of the donor occurs over a frequency ν . The total yield at each frequency:

η^2

or numerical constants from the fact that $\bar{\nu}$ as interaction potential at quantity κ^2 . Removing we did above implies η^2 . This may not always be true. We know that polarization can be a κ^2 value still are a factor. Fortunately, the equation 8-57 in this form:

to use spectra measured equations 8-55 and 8-56

a function of
 -naphthyl
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 Equation 8-57.
 England, *Proc.*
 1967.]

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$\psi(\theta, \phi)$, and

3,5 (8-61)

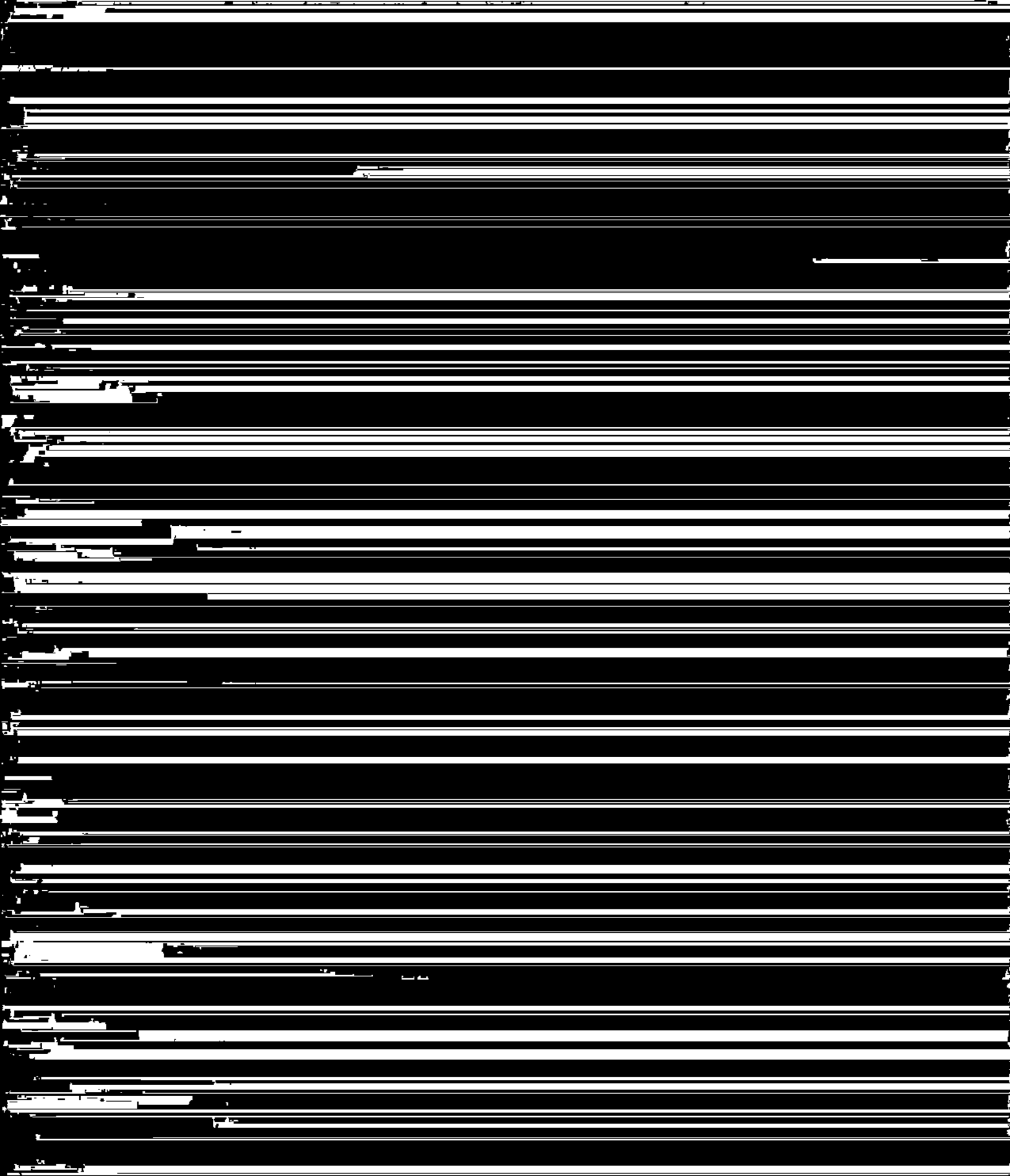
1 to $|\mu \cdot \hat{r}|^2$,
 $\sin^2 \theta \cos^2 \phi$;
probabilities

$\sin^2 \theta = 1, 5$
(8-62)

convenient
are defined



(8-63)
as you can
8-63. These
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The results for

(8-70)

(8-71)

ential, each of
equations 8-70
copy. At the

$1/2$] (8-72)

(8-73)

4-64,
molecule is a
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Equation 8-73
fluorescence aniso-
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Equation 10-10
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Equation 8-73 as

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