t, la a $n_{e;o;p}$ a t, t, a a , a f lat, f act, . f t, t, tat, a , t, t, t, t, a t, a $\epsilon = \epsilon^{(0)} + \delta\epsilon$ t, $\delta\epsilon \equiv (n_e^2 - n_o^2)(\mathbf{n}_0 \otimes \mathbf{n}_\perp + \mathbf{n}_\perp \otimes \mathbf{n}_0)$ a $\mathbf{n}_\perp = \{0; n_y; n_z\}$. a t, f al f R f . [22,37 , t, t, al act, t, a a t, f t, t, t, f t, at, t, t, a t, al f a al lat, f t, f ll t, f ff t, al at,

$$\Delta \mathbf{n}_\perp + 2q \frac{\partial \mathbf{n}_\perp}{\partial x} \quad \mathbf{n}_0 = -\frac{\epsilon_0 n_o^2 \alpha}{4K} \mathrm{R} \; ([\mathbf{E}^* \cdot \mathbf{n}_0] \mathbf{E}); \quad (1)$$

$$\frac{\partial E_x}{\partial z} = i\left[\sqrt{k_0^2 \epsilon_{xx}^{(0)} + D^{(0)}} + i\alpha n_z \frac{\partial}{\partial x}\right] E_x; \quad (2)$$

$$E_z = [k_0^2 \epsilon_{zz}^{(0)} + \Delta]^{-1} \left[\frac{\partial^2}{\partial z \partial x} - \alpha n_o^2 n_z\right] E_x; \quad (3)$$

t, $\alpha \equiv (n_e/n_o)^2 - 1$, $q \equiv 2\pi/p$ t, ta t, t, f t, l a , K t, a la t, ta t, (a - t, la t, t,), k_0 t, a v t, t, a , a $D^{(0)}$ a ff act, at ta v at, x a y

$$\forall A; \quad D^{(0)} A \equiv \frac{\partial}{\partial x}\left(\frac{1}{\epsilon_{zz}^{(0)}} \frac{\partial}{\partial x}[\epsilon_{xx}^{(0)} A]\right) + \frac{\partial^2 A}{\partial y^2}. \quad (4)$$

t, t, at, . (1)–(3), t, t, y t,

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[illegible] [17]. [illegible]

[illegible] spatial solitons [illegible]

similaritons, [illegible] [38]. [illegible] 3 [illegible] 4 [illegible] n_z [illegible]

q ¼ 0.

[illegible] [16] [illegible]

G. P. a [illegible] Ž. [illegible] R [illegible] SS [illegible]

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