

ERRATA

Erratum to: “Spatial Localization of Atomic Populations in the Field of Stationary Waves” [Optics and Spectroscopy 118 (3), 342 (2015)]

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Formula (1) should read as follows:

$$\begin{aligned}
 i\dot{\rho}_{11} &= -(\rho_{31} - \rho_{13})p + i\gamma_1\rho_{33}, \\
 i\dot{\rho}_{22} &= -(\rho_{32} - \rho_{23})g + i\gamma_2\rho_{33}, \\
 i\dot{\rho}_{33} &= (\rho_{31} - \rho_{13})p + (\rho_{32} - \rho_{23})g - 2i\gamma\rho_{33}, \\
 i\dot{\rho}_{13} &= -(\rho_{33} - \rho_{11})p + \rho_{12}g - i\Gamma_{13}\rho_{13} + \Delta_0\rho_{13}, \\
 i\dot{\rho}_{23} &= -(\rho_{33} - \rho_{22})g + \rho_{21}p - i\Gamma_{23}\rho_{23} + \Delta_1\rho_{23}, \\
 i\dot{\rho}_{12} &= -\rho_{32}p + \rho_{13}g - i\Gamma_{12}\rho_{12} + (\Delta_0 - \Delta_1)\rho_{12},
 \end{aligned}$$

Page 346, right column, the equations should read as follows:

$$\begin{aligned}
 i\dot{\rho}_{11} &= -\Omega_{13}(\rho_{31} - \rho_{13}) - \Omega_{14}(\rho_{41} - \rho_{14}) \\
 &\quad + i(\gamma_1\rho_{44} + \gamma_3\rho_{33}), \\
 i\dot{\rho}_{22} &= -\Omega_{23}(\rho_{32} - \rho_{23}) + i\gamma_2\rho_{33}, \\
 i\dot{\rho}_{33} &= -\Omega_{13}(\rho_{13} - \rho_{31}) - \Omega_{23}(\rho_{23} - \rho_{32}) \\
 &\quad - i(\gamma_2\rho_{33} + \gamma_3\rho_{33}), \\
 i\dot{\rho}_{44} &= -\Omega_{14}(\rho_{14} - \rho_{41}) + i\gamma_1\rho_{44}, \\
 i\dot{\rho}_{12} &= -\Omega_{13}\rho_{32} - \Omega_{14}\rho_{42} + \Omega_{23}\rho_{13} + (\Delta_2 - \Delta_1)\rho_{12}, \\
 i\dot{\rho}_{13} &= -\Omega_{13}(\rho_{33} - \rho_{11}) - \Omega_{14}\rho_{43} + \Omega_{23}\rho_{12} \\
 &\quad - (i/2)(\gamma_2 + \gamma_3)\rho_{13}, \\
 i\dot{\rho}_{14} &= -\Omega_{14}(\rho_{44} - \rho_{11}) - \Omega_{13}\rho_{34} - (i/2)\gamma_1\rho_{14}, \\
 i\dot{\rho}_{23} &= -\Omega_{23}(\rho_{33} - \rho_{22}) + \Omega_{13}\rho_{21} - (i/2)(\gamma_2 + \gamma_3)\rho_{23}, \\
 i\dot{\rho}_{24} &= -\Omega_{23}\rho_{34} + \Omega_{14}\rho_{21} - (i/2)\gamma_1\rho_{24} \\
 &\quad + (\Delta_{st} + \Delta_1 - \Delta_2)\rho_{24}, \\
 i\dot{\rho}_{34} &= -\Omega_{13}\rho_{14} - \Omega_{23}\rho_{24} + \Omega_{14}\rho_{31} \\
 &\quad - (i/2)(\gamma_1 + \gamma_2 + \gamma_3)\rho_{34} + (\Delta_{st} - \Delta_2)\rho_{34},
 \end{aligned}$$