

$$\begin{aligned} \ln[\text{saturation}] & \quad \log L_o = -0,35[u_\lambda - u_{570}]^2 \\ \log V_o & = -0,35[u_\lambda - u_{557}]^2 \quad \log M_o = -0,35[u_\lambda - u_{545}]^2 \\ \log S_a & = -0,35[u_\lambda - u_{445}]^2 - 1,17 \quad \log L_a = \log L_o + 0,17 \\ [V_o/V_o, L_a/V_o, M_a/V_o, S_a/V_o] & \quad \log M_a = \log M_o - 0,13 \end{aligned}$$

Sa Ma La saturation V

