Supplementary Material

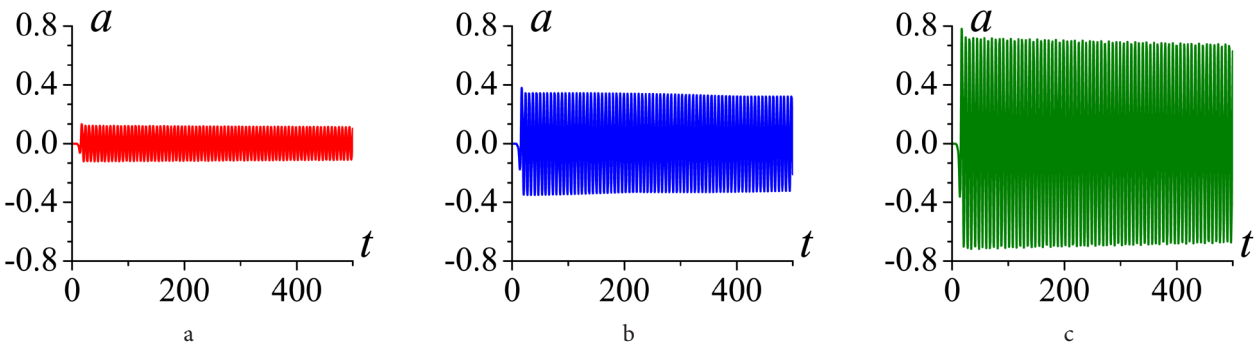

Fig. S1. The dependence of $a(t)$ on time, calculated by numerical integration (2) under the initial conditions: $X(0) = -10$, $\dot{X}(0) = 0.7$, $a(0) = 0$, $\dot{a}(0) = 0$ and parameters: $\varepsilon = 0.3$ (a), $\varepsilon = 0.5$ (b), $\varepsilon = 0.7$ (c).

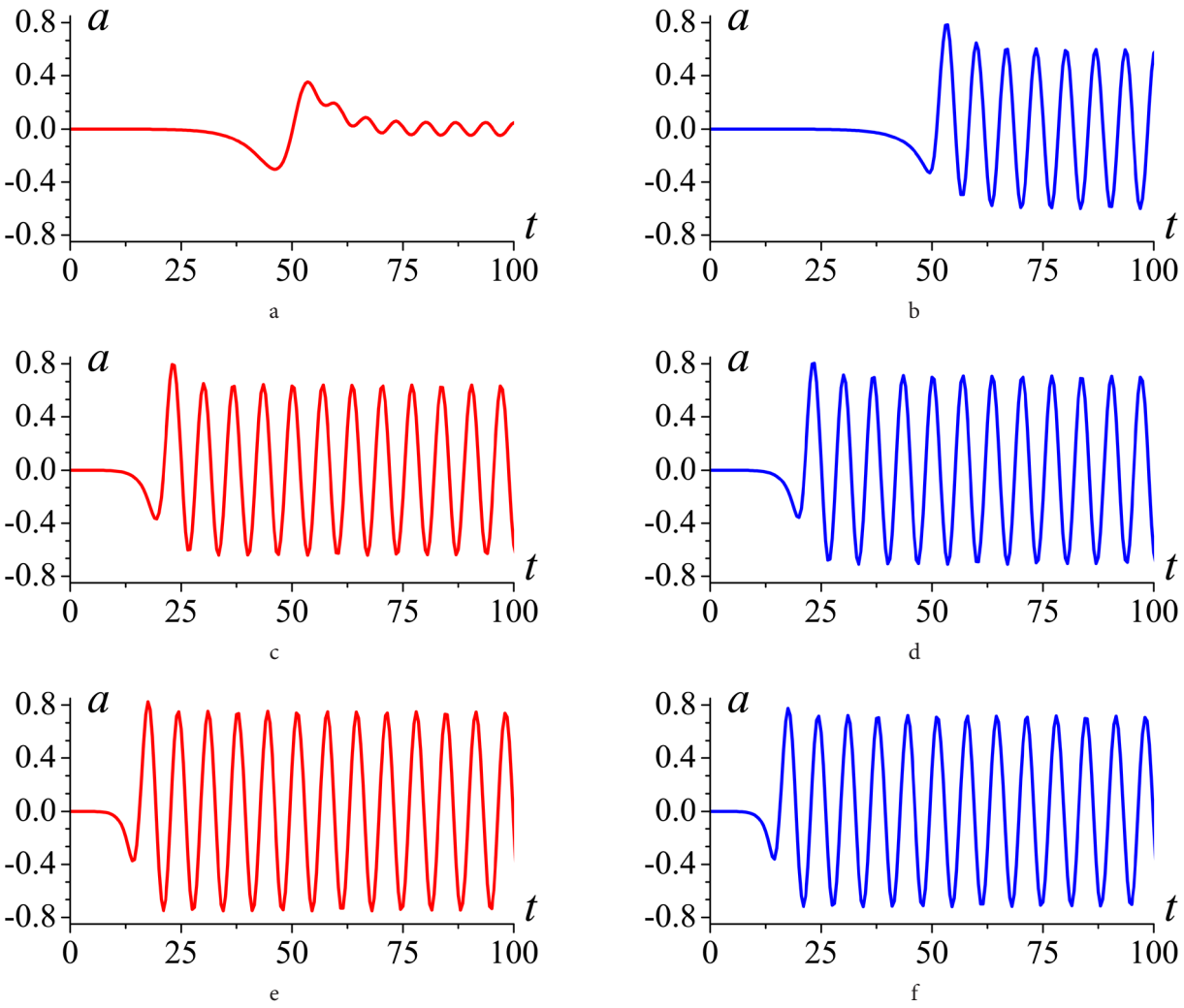

Fig. S2. The dependence of $a(t)$ on time, calculated by numerical integration (6), under the motion law of the DW (4) (a, c, e) and (5) (b, d, f) and parameters $\varepsilon = 0.7$: $v_0 = 0.2$ (a, b), $v_0 = 0.5$ (c, d), $v_0 = 0.7$ (e, f).

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