minimum density of states criterion

This is a criterion used in Rice–Ramsperger–Kassel–Marcus (RRKM) theory for locating the transition state. The reaction coordinate $r$ at the transition state, according to this criterion, is given by $\frac{\delta(N(\varepsilon_r))}{\delta r} = 0$, where $N(\varepsilon_r)$ is the density of states at an internal energy $\varepsilon_r$.

Source:
PAC, 1996, 68, 149 (A glossary of terms used in chemical kinetics, including reaction dynamics (IUPAC Recommendations 1996)) on page 174