



Although the strong-coupling result (2) looks easy, its derivation required extensive computer-assisted symbolic manipulations. Via a nontrivial extrapolation guesswork we revealed that geometrically, the horizons  $\partial\mathcal{D}^{(N)}$  are (hyper)surfaces with protruded spikes called extreme exceptional points, EEPs. This intuitive picture has been complemented by the more quantitative descriptions of  $\partial\mathcal{D}^{(N)}$ . It was based on the strong-coupling perturbation ansatz

$$g_n = g_n^{(max)} \sqrt{(1 - \gamma_n(t))} \quad \gamma_n(t) = t + t^2 + \dots + t^{J-1} + G_n t^J. \quad (3)$$

using an auxiliary, formally redundant small parameter  $t$ .

## Some references

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