**Structural and Optical Properties of Ba(Co1-xZnx)SiO4 (*x* = 0.2, 0.4, 0.6, 0.8)**

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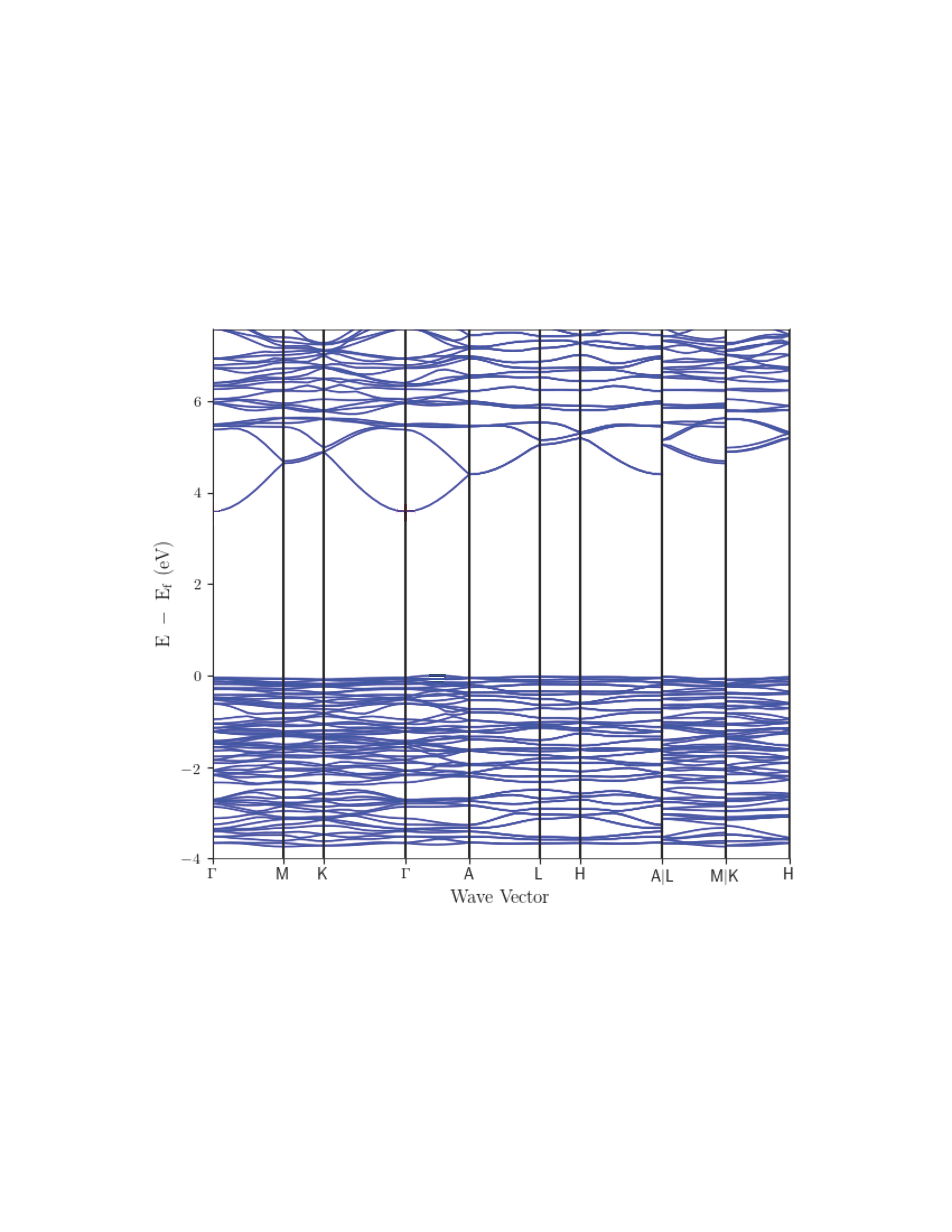
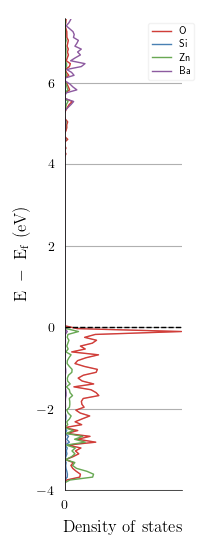


Fig. S1. Calculated (a) band structure and (b) density of states of BaZnSiO4.