

Photoelectricity and superconductivity

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I am not a physicist, continuing my wonder about superconductivity.

If I understand concepts properly,

photoelectricity: when light of certain frequency or higher strikes surface of some materials, electric voltage is generated

superconductivity: superconductors have zero voltage drop across their surface no matter how much current flows through

What happens when superconductor material is subjected to conditions leading to photoelectricity? The material is supposed to generate voltage but it can't, right?

Thanks in advance,
-Bhushit

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