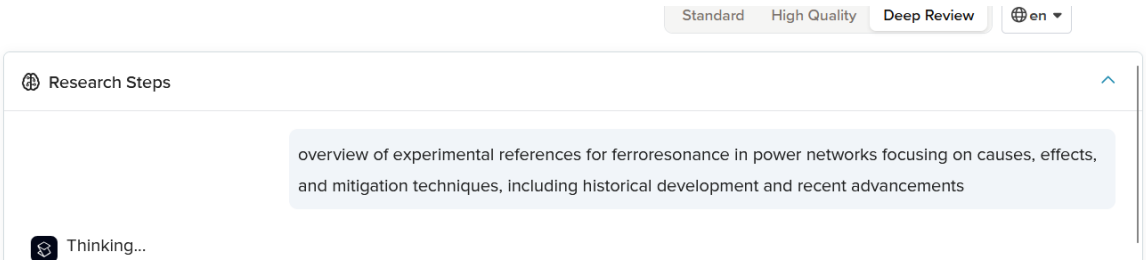
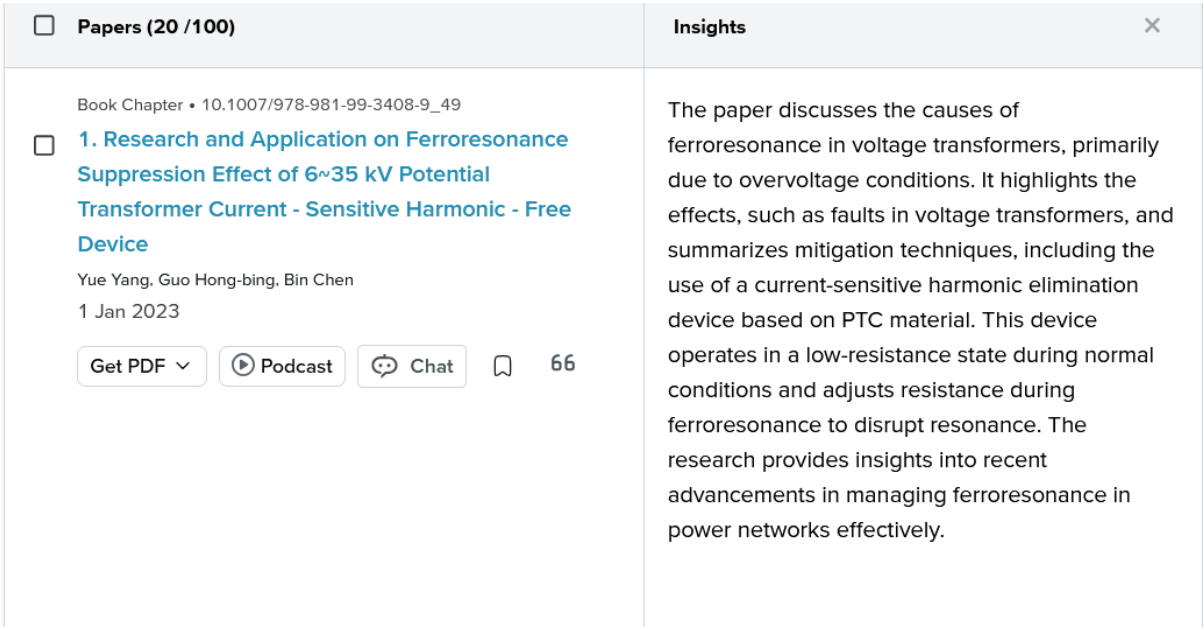
I write the topic or sub-topic for which I need to collect the references as shown below. After that, a list of papers are provided along with their summary. Then, I decide which one is related more to my topic so that I can give it more attention to cite from it. Of course, I wouldn't use them all, as I can filter the listed references for date, or type.





• Journal Article • 10.3390/en15082791 **2. Ferro-Resonance Analysis of Capacitor Voltage Transformer with Fast Saturation Damper** Xinzhi Ding, Kai Yang, Weiyu Wang +4 more 11 Apr 2022 - Energies PDF Summary Podcast Chat 66	The paper discusses the causes of ferroresonance in capacitor voltage transformers (CVTs), highlighting transient oscillations due to impedance changes and switching actions. It details the effects, such as insulation level reduction and regional power grid oscillations. Mitigation techniques include the design of fast saturation dampers (FSDs) to suppress oscillations, supported by theoretical analysis and field tests. Historical development is implied through the modeling of CVT behavior, while recent advancements focus on practical solutions for resonance elimination in power networks.
3. Analysis and Simulation of Ferroresonance Mechanism of Potential Transformer Based on Harmonic Balance Method H Gao, P W Yang, C H Liu +2 more 1 Mar 2021 Get PDF Podcast Chat 66	ferroresonance in power networks, specifically identifying overvoltage due to PT iron core saturation as a primary cause. It discusses the effects of such incidents, including potential transformer burnout. Mitigation techniques proposed include grounding the PT primary side with nonlinear resistance, using a small resistance for short-time access, and selecting PTs with better excitation characteristics. While it does not cover historical development or broader advancements, it provides a simulation-based analysis of these issues.
• Journal Article • 10.1051/E3SCONF/202128801058 **4. Investigation of ferroresonanse phenomena and its possibilities of occurrence in the operation of 6-220 kV electromagnetic transformer** Andrew Tychkin, Andrew Yablokov, Vladimir Lebedev +2 more 1 Feb 2021 PDF Summary Podcast Chat 66	The paper investigates ferroresonance phenomena in power networks, highlighting causes such as asymmetric arcs and the discharge of zero sequence capacitance. It discusses effects like damage to voltage transformers and nearby equipment. Mitigation techniques include resistive grounding, additional capacitances, and antiresonance transformers. Historical development is referenced through the Preliminary national standard (PNST 319-2018), while recent advancements involve simulation

Proceedings Article • 10.1049/icp.2023.2129

5. Study on ferromagnetic resonance characteristics and suppression measures of 10 kV distribution network

L. Wang, Z. Zhang, J. Guo

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The paper focuses on ferromagnetic resonance in 10 kV distribution networks, highlighting causes such as ungrounded neutral points and transient impacts. It discusses effects like fundamental, frequency-dividing, and high-frequency resonance. Mitigation techniques analyzed include arc suppression coils, harmonic suppression resistance, and improving potential transformer excitation characteristics. While the paper does not provide a historical overview, it emphasizes recent advancements through electromagnetic transient simulations to explore the influence of line length, PT excitation resistance, and ground fault recovery time on resonance.