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We describe a process for capturing CO<sub>2</sub> from the atmosphere in an industrial plant. The design captures ~1 Mt-CO<sub>2</sub>/year in a continuous process using an aqueous KOH sorbent coupled to a calcium caustic recovery loop. We describe the design rationale, summarize performance of the major unit operations, and provide a capital cost breakdown developed with an independent consulting engineering ...

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### **Polymorphism: The Phenomenon Affecting the Performance of**

Hybridization is the process of complementary base pairs binding to form a double helix. Melting is the process by which the interactions between the strands of the double helix are broken, separating the two nucleic acid strands.

### **Nucleic acid double helix - Wikipedia**

Global cooling was a conjecture during the 1970s of imminent cooling of the Earth's surface and atmosphere culminating in a period of extensive glaciation. Press reports at the time did not accurately reflect the full scope of the debate in the scientific literature. The current scientific opinion on climate change is that the Earth underwent global warming throughout the 20th century and ...

### **Global cooling - Wikipedia**

Distillation technologies for removal of phenols from water are all variants of steam distillation and thus have an energy requirement to be economically met.

### **A Short Review of Techniques for Phenol Removal from**

The cause of the trend is a puzzle. Physics demands that water expand as its temperature increases. But to keep the rate of rise constant, as observed, expansion of sea water evidently must be offset by something else.

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