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**Subject** :- Thermal Physics  
**Title** :- Arun And Arun Temperature

### **Abstract:-**

In this research I have given hypothesis of Arun and Arun temperature and formula of Arun Temperature.

### **Introduction:-**

This is a new concept. Often we see that If any matter is in solid or liquid or gas state then it remains in solid or liquid or gas State Unless proper changes are made in its temperature. I.e. We can say that every matter can not change the state of its solid or liquid or gas until its proper temperature changes are made.

### **Research Methodology (Process) And Diagram:-**

The molecule (or atom or particle) of each matter is found to maintain its state whether the molecule (or atom or particle) of a matter is in any state. This is the also property of the molecule (or atom or particle) of the matter which does not allow it to change state.

The properties or characteristics of molecule (or atom or particle) of any matter, due to which the molecule (or atom or particle) maintains its State of solid or fluid or gas or can not change that state; is called Arun.

Arun is the property of molecule (or atom or particle) of any matter which is why it does not change its state.

No molecule (or atom or particle) can change its state until its temperature in proper changes are made.

The molecule (or atom or particle) of matter in which these properties are found permanently, they do not change their state even when they make maximum changes in temperature.

The essential temperature on which the molecule (or atom or particle) of the matter changes, the essential temperature is called Arun temperature. I.e.

Arun temperature is the equal to difference between the temperature of state change of molecule (or atom or particle) of matter and its initial temperature.

$$T_A = T_S - T_I$$

Where  $T_A$  is Arun temperature,  $T_S$  is the temperature of state change and  $T_I$  is the initial temperature.

Temperature of state change is that temperature on which the state of molecule (or atom or particle) of matter changes.

## Conclusion:-

1. In this research I have given hypothesis of Arun and Arun temperature and formula of Arun Temperature.
2. We can count Arun temperature in this equation.

**Reference:-** No sentence have been copied in this research paper.