

# Graph Theory: Lecture No. 26

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**A graph  $G$  is perfect if and only if for every induced subgraph  $H$  of  $G$ ,  $|H| \leq \omega(H)\alpha(H)$ .**

## Other special Classes

- 1 **AT-free graphs.**
- 2 **Trapezoidal Graphs**
- 3 **Permutation Graphs.**
- 4 **Circular Arc Graphs**
- 5 **Circle Graphs**
- 6 **Unit interval Graphs**