Graph Theory: Lecture No. 23

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Perfect Graphs: A graph $G$ is perfect if $\chi(H) = \omega(H)$ for every induced subgraph $H$ of $G$. 
Some classes which are known to be perfect:

1. Bipartite Graphs
2. Complements of Bipartite Graphs
3. Line graphs of Bipartite Graphs.
5. Comparability Graphs.
7. Interval Graphs