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Title

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Complexity Classes

P, NP and APX are some complexity classes. Clever spacing (NP-complete), inline math mode ($P \subseteq NP$) and display style

$$P \neq \text{ExpTime} \setminus NP$$
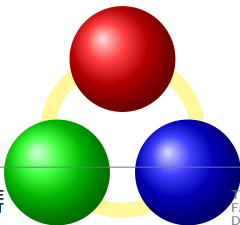
are supported.

There is also

1. $k\text{ExpTime}$
2. $Nk\text{ExpTime}$
3. 4ExpTime

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Test test test

Usage of `latex-example` (for this document only).

```
\begin{latex-example}[lefthand width=3.5cm]{Test123}
\begin{tikzpicture}
\path[fill=yellow!50!white] (0,0) circle (11mm);
\path[fill=white] (0,0) circle (9mm);
\foreach \w/\c in {90/red,210/green,330/blue}
{\path[shading=ball,ball color=\c] (\w:1cm) circle (7mm);}
\end{tikzpicture}
\end{latex-example}
```

Test123


```
\begin{tikzpicture}
\path[fill=yellow!50!white]
(0,0) circle (11mm);
\path[fill=white] (0,0)
circle (9mm);
\foreach \w/\c in
{90/red,210/green,330/blue}
{\path[shading=ball,ball
color=\c] (\w:1cm) circle (7mm);}
\end{tikzpicture}
```
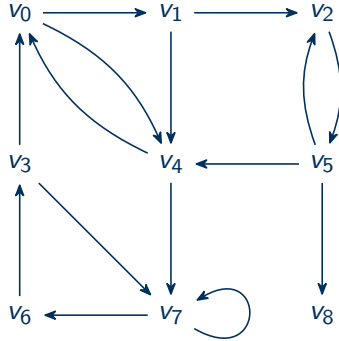
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Figure: An example graph