#### Westfälische Wilhelms-Universität Münster

Übung Modellierung und Analyse von Dynamischen Systemen, WiSe 17/18

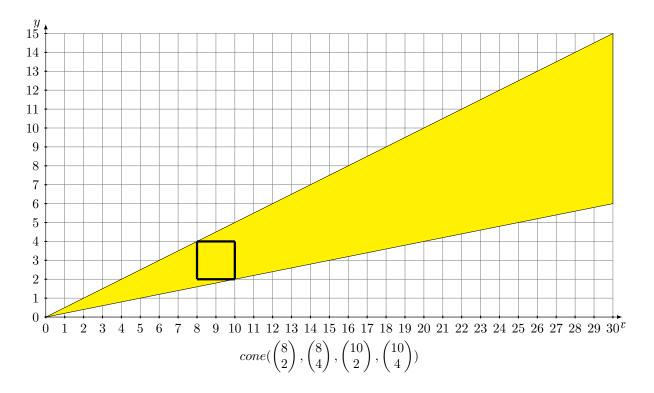
Betreuer: Carina Pilch

Autoren: Edenfeld, Lemke, Moser, Schinke

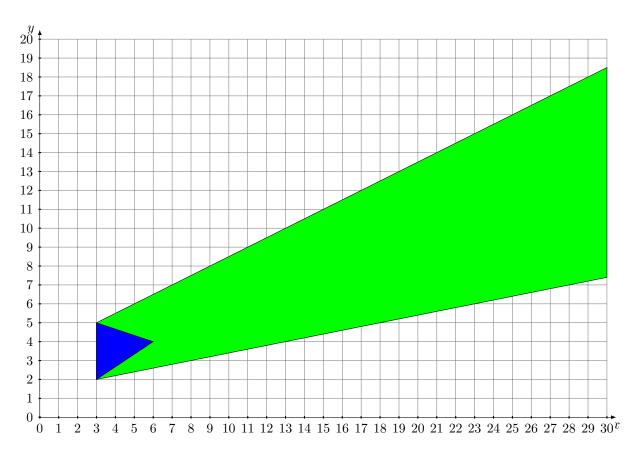
Blatt 7

### Aufgabe 1

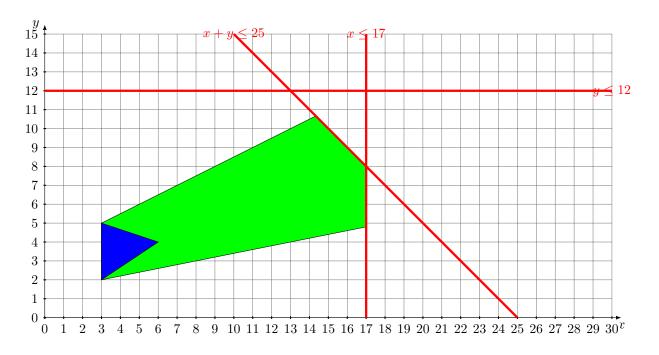
#### **Derivates**



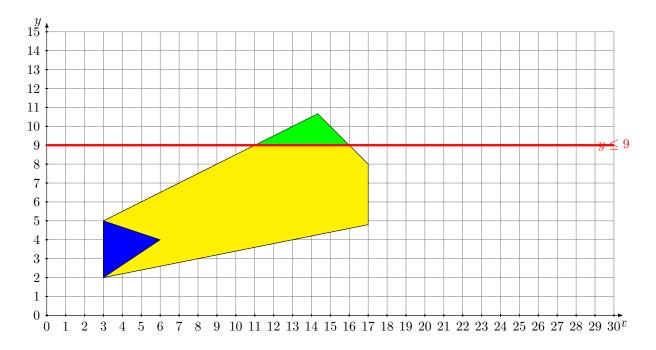
### Time step $l_1$



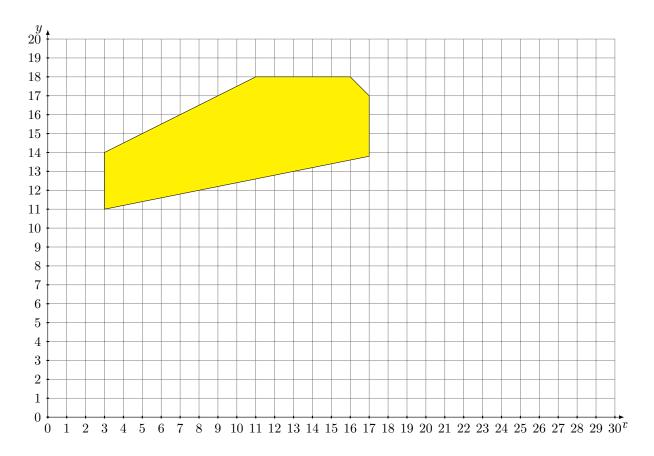
### Invariant Intersection



### Discrete step (guard intersection)



### Discrete step (reset function)



## Aufgabe 2

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# Aufgabe 3