## Molecular Networks

WS 11/12

## **FDS** modules

Exercise 1 Consider the function  $f: \{0,1\}^6 \to \{0,1\}^6$  with  $f_1(x) = x_1$ ,

 $f_{2}(x) = x_{2},$   $f_{3}(x) = x_{1} \lor x_{2} \lor x_{3},$   $f_{4}(x) = x_{2} \land x_{3} \land x_{5},$   $f_{5}(x) = \neg x_{4},$  $f_{6}(x) = x_{3} \lor x_{5}.$ 

Calculate all attractors of f using the modules derived from the different combinations of input values.