runehovd innlevering 1

Rune Hovde

September 2016

1 Oppgave 1.6

a) sann

b) usann

c) sann

d) sann

e) usann

f) sann

g) sann

h) usann

i) sann

2 Oppgave 1.7

$A = \{1, 3, 5, 7, 9\}$
$B = \{0, 1, 2, 3, 4\}$
$C = \{5, 6, 7, 8, 9\}$

a) $A \backslash B = \{5, 7, 9\}$

b) $B \backslash A = \{0, 2, 4\}$

c) $(A \cup B) \cap C = \{5, 7, 9\}$

d) $C \backslash (A \cup B) = \{6, 8\}$

e) $(A \backslash B) \backslash C = \emptyset$

f) $(B \cup C) \backslash A = \{0, 2, 4, 6, 8\}$

3 Oppgave 2.3

$* =$
$+ =$
$' =$
$\Rightarrow = \rightarrow$

$D = "Pingvinene danser"$
$S = "Pingvinene synger"$
$G = "Pingvinene er glade"$

a) S*D

b) G'

c) G → D+S

d) G' → (D*S)

e) S*D*G'

f) (S*D)+G'