

KNOWLEDGE DISCOVERY

INTRODUCTION TO FCA
EXERCISE 5

ASSIGNMENT 1: MANY-VALUED CONTEXTS

- Write down the derived contexts for the given multivalued context about winter tyres using the
 - nominal scale
 - ordinal scale
 - interordinal scale
 - biordinale scale
 (++ very good, + good, o satisfactory, - unsatisfactory)
- Draw the line diagrams of the corresponding concept lattices.
- Which tyre would you buy for your car? Why?

	Dry	Wet	Snow
Conti	+	+	++
Firestone	+	o	+
Fulda	+	+	+
Gislaved	+	o	++
Goodyear 2	+	+	+
Goodyear 3	+	o	++
Michelin	o	o	++
Pirelli	+	+	+
Semperit	o	+	+
Uniroyal	+	o	+
Vredestein	+	-	+