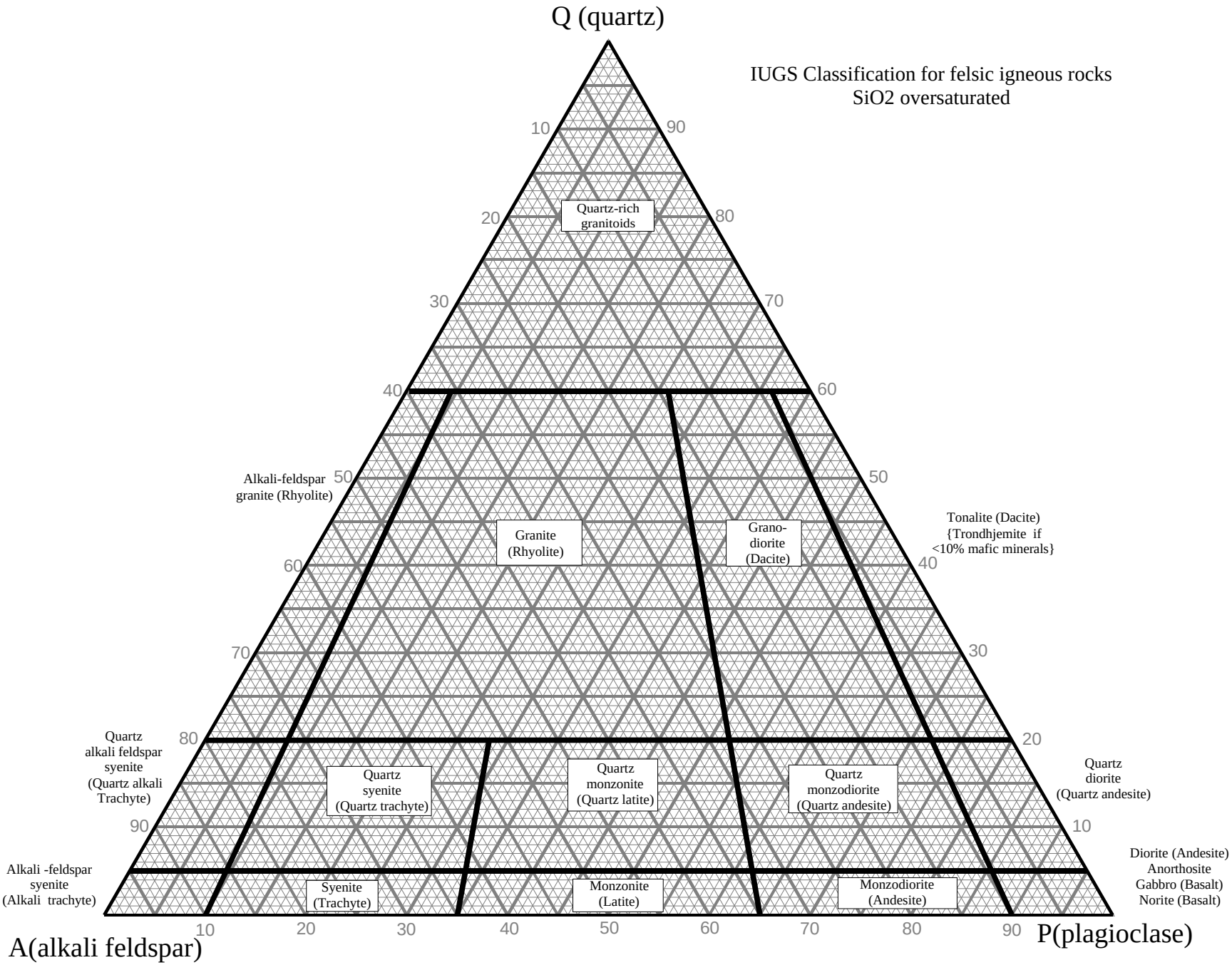
Q (quartz)
IUGS Classification for felsic igneous rocks
SiO2 oversaturated
Quartz-rich granitoids
Alkali-feldspar granite (Rhyolite)
Granite (Rhyolite)
Grano-diorite (Dacite)
Tonalite (Dacite) {Trondhjemite if <10% mafic minerals}
Quartz alkali feldspar syenite (Quartz alkali Trachyte)
Quartz syenite (Quartz trachyte)
Quartz monzonite (Quartz latite)
Quartz monzodiorite (Quartz andesite)
Quartz diorite (Quartz andesite)
Alkali -feldspar syenite (Alkali trachyte)
Syenite (Trachyte)
Monzonite (Latite)
Monzodiorite (Andesite)
Diorite (Andesite) Anorthosite Gabbro (Basalt) Norite (Basalt)
A(alkali feldspar)
P(plagioclase)
10
20
30
40
50
60
70
80
90