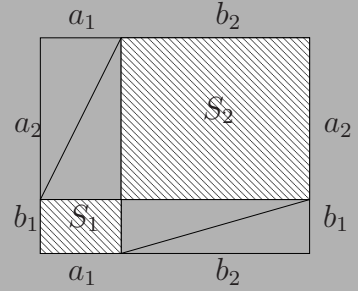
a_1
b_2
a_2
S_2
a_2
b_1
S_1
b_1
a_1
b_2
b_2
a_1
b_1
S_3
a_2
a_2
b_1
a_1
b_2