

(a) si $A' \subseteq A$, entonces $(g \circ f)(A') = g(f(A'))$;

(b) si $C \subseteq C'$, entonces $(g \circ f)^{-1}(C') = f^{-1}(g^{-1}(C'))$;

(c) $h \circ (g \circ f) = (h \circ g) \circ f$.