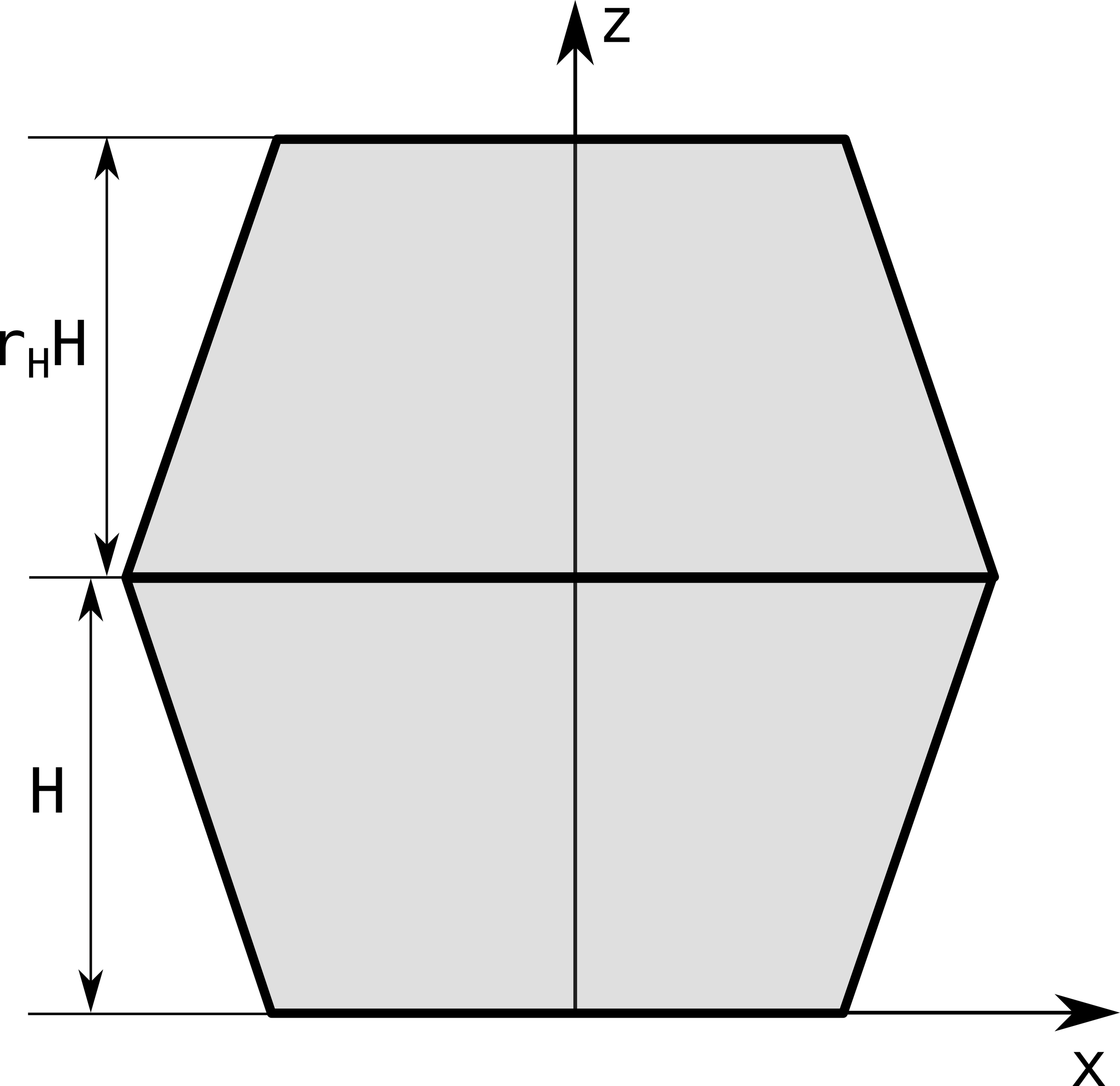
z
$r_H H$
H
x