Steady-state v-distribution in two layers; temperature differences

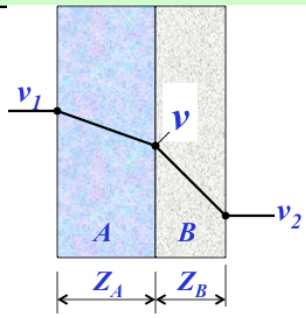
(only yellow cells may be changed!)

Z_A=	100	•10^{3}s/m	v_1=	10.0	g/m^3
Z_B=	50	•10^{3}s/m	v_2=	5.0	g/m^3

gives v= 6.7 g/m^3

$$v = v_1 - \frac{Z_A}{Z_A + Z_B}\left(v_1 - v_2\right)$$

NOTE! Check that it is not larger than $v_s(T)$!



Steady-state RH-distribution in two layers; constant temperature

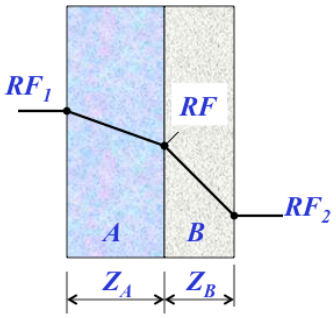
(only yellow cells may be changed!)

Z_A=	100	•10^{3}s/m	RH_1=	100	%
Z_B=	50	•10^{3}s/m	RH_2=	50	%

gives RH= 66.7 %

$$RF = RF_1 - \frac{Z_A}{Z_A + Z_B}\left(RF_1 - RF_2\right)$$

"RF" in equation and figure means "RH"!



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