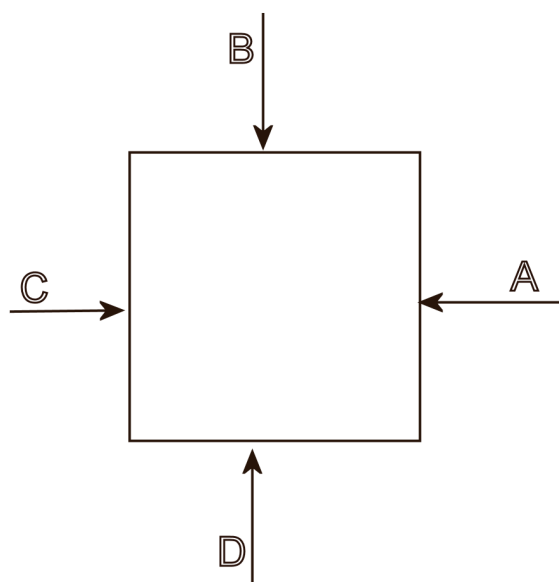


Situation 2

A large truck is stopped by customs as part of a routine check. On exploring the truck, a dosimeter carried by one of the customs officials registers elevated readings near a pallet stacked with sacks. The driver says he is on his way to deliver goods to an agricultural supply firm in another country. The pallet, approximately 1 m x 1 m, is stacked with sacks, to a height of about 90 cm, with Chinese writing on them but the identifier MKP 0-52-34/NPK 0-52-34 is clearly visible. As the customs officials are unsure what to do and the country of origin is such that suspicions are aroused, authorities are asked to assist.

Four measurements are made around the pallet using a HPGe detector, all measurements being made at the same distance - 10cm - from the stack of sacks.

A 5 minute background spectrum is taken outside the truck.



Spectra provided:

Spectrum taken at position A	Situation 2 position A.chn/.cnf/.spe./txt/.phd
Spectrum taken at position B	Situation 2 position B.chn/.cnf/.spe./txt/.phd
Spectrum taken at position C	Situation 2 position C.chn/.cnf/.spe./txt/.phd
Spectrum taken at position D	Situation 2 position D.chn/.cnf/.spe./txt/.phd
5 minute background spectrum	Situation 2 background.chn/.cnf/.spe./txt/.phd