

Source:

1 | Grading

:/

2 | Sum vs Direct Sum

- You can use the fact that when there's **two** subspaces whose intersection is 0.
 - But not when there's more than two subspaces. You have to add two of them into a subspace and then intersect that with the third one.
 - #question : does it work if the all pairwise intersections are zero?

3 | indefinite integral

#toexpand

3.1 | Intuition

Kind of like the integral from $-\infty$ to a point?