

Homework 2**Submission deadline: 1 April**

1. Apply the linear Dubinin-Radushkevich plot if your system is microporous
 From the linear fit conclude the p/p_0 range where the fit can be used.
 Get the best fit, conclude the slope, the intercept and the regression (R or R^2)
 From the intercept calculate the micropore volume (conversion is similar as in Homework 1)
2. Supposing that all the molecules filling the micropores have direct contact with the surface estimate the surface area of the micropores
3. Summarize your results in a table (see next slide)
4. Compare BET and DR surface areas. Are you puzzled? Any hint for explanation?

Model	DR	Unit
Pressure range where the linear DR fit is applicable (if at all)		
Slope		
Intercept		
Micropore volume		
Surface area of micropores		

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