

Matematisk ordlista

n. = noun = substantiv

vt. = transitive verb = transitivt verb

vi. = intransitive verb = intransitivt verb

adj. = adjective = adjektiv

Lat. = Latin = latin

a

| | |
|------------------------|-----------------|
| arcsine <i>n.</i> | arcus sinus |
| arccosine <i>n.</i> | arcus cosinus |
| arccotangent <i>n.</i> | arcus cotangens |
| arctangent <i>n.</i> | arcus tangens |

b

| | |
|------------------------------|-------------------|
| bound <i>vt.</i> | begränsa |
| bound <i>n.</i> | begränsning |
| lower bound | nedre begränsning |
| upper bound | övre begränsning |
| boundary <i>n.</i> | rand |
| boundary condition <i>n.</i> | randvillkor |
| boundary value <i>n.</i> | randvärde |
| bounded <i>adj.</i> | begränsad |

c

| | |
|-------------------------|--|
| calculus <i>n.</i> | differential- och integralkalkyl |
| chord <i>n.</i> | korda |
| closed <i>adj.</i> | sluten (<i>example:</i> a closed set = en sluten mängd) |
| column vector | kolonnvektor |
| continuous <i>adj.</i> | kontinuerlig |
| contradiction <i>n.</i> | motsägelse |
| convergence <i>n.</i> | konvergens |
| convergent <i>adj.</i> | konvergent |
| corollary <i>n.</i> | följdsats, korollarium |
| cosine <i>n.</i> | cosinus |
| cotangent <i>n.</i> | cotangens |

d

| | |
|----------------------------|-----------------------------|
| degree <i>n.</i> | grad |
| denote <i>vt.</i> | beteckna |
| derive <i>vt.</i> | härleda |
| derivative <i>n.</i> | derivata |
| differentiable <i>adj.</i> | deriverbar, differentierbar |
| differentiate <i>vt.</i> | derivera |

e

| | |
|---------------------|--|
| e.g. | till exempel (<i>Lat.</i> <i>exempli gratia</i>) |
| error <i>n.</i> | fel |
| estimate <i>vt.</i> | uppskatta |
| estimate <i>n.</i> | uppskattning |
| evaluate <i>vt.</i> | evaluera, beräkna värdet av (<i>example:</i> if we evaluate the function $y = \sin(x)$ at $x = \pi/2$ then we get $y = 1$) |

| | |
|------------------------------|--|
| f | |
| fraction <i>n.</i> | bråk |
| g | |
| h | |
| i | |
| i.e. | det vill säga (<i>Lat.</i> id est) |
| implement <i>vt.</i> | implementera, utföra (<i>example:</i> to implement an algorithm = att realisera en algoritm i ett datorprogram) |
| increasing <i>adj.</i> | växande |
| increment <i>n.</i> | tillskott, ökning |
| initial value <i>n.</i> | begynnelsevärde |
| integration by parts | partiell integration, partialintegration |
| j | |
| k | |
| l | |
| lemma <i>n.</i> | lemma, hjälpsats |
| linear <i>adj.</i> | linjär |
| linearize <i>vt.</i> | linjärisera |
| limit <i>n.</i> | gränsvärde, limes, gräns |
| limit of integration | integrationsgräns |
| m | |
| matrix <i>n.</i> | matris |
| mesh <i>n.</i> | nät |
| n | |
| notation <i>n.</i> | beteckning |
| notion <i>n.</i> | begrepp |
| o | |
| open <i>adj.</i> | öppen (<i>example:</i> an open set = en öppen mängd) |
| order <i>vt.</i> | ordna |
| order <i>n.</i> | ordning |
| p | |
| partial derivative <i>n.</i> | partiell derivata |
| partial fractions <i>n.</i> | partialbråk |
| partition <i>n.</i> | partition, uppdelning |
| perturb <i>vt.</i> | störa, rubba |
| perturbation <i>n.</i> | störning |
| piecewise <i>adj.</i> | styckvis |
| primitive function <i>n.</i> | primitiv funktion |
| proof <i>n.</i> | bevis |
| prove <i>vt.</i> | bevisa |
| q | |

| | |
|-----------------------|---|
| quadrature <i>n.</i> | kvadratur |
| r | |
| rank <i>n.</i> | rang (<i>example:</i> rank of a matrix) |
| remainder <i>n.</i> | rest, restterm |
| residual <i>n.</i> | residual |
| root <i>n.</i> | rot (<i>example:</i> the root of an equation) |
| s | |
| set <i>vt.</i> | sätta |
| set <i>n.</i> | mängd |
| sine <i>n.</i> | sinus |
| solution <i>n.</i> | lösning (<i>example:</i> the solution of an equation) |
| space <i>n.</i> | rum (<i>example:</i> a linear space) |
| subinterval <i>n.</i> | delintervall |
| subset <i>n.</i> | delmängd |
| subspace <i>n.</i> | delrum, underrum |
| t | |
| tangent <i>n.</i> | tangent, tangens |
| tends to | går mot |
| theorem <i>n.</i> | sats, teorem |
| u | |
| uniform <i>adj.</i> | likformig |
| unique <i>adj.</i> | unik |
| uniqueness <i>n.</i> | entydighet |
| v | |
| vanish <i>vi.</i> | försvinna, vara lika med noll (<i>example:</i> $\sin(x)$ vanishes at $x = 0$) |
| viz. | nämmligen |
| w | |
| x | |
| y | |
| z | |
| zero <i>n.</i> | nollställe (<i>example:</i> the function $\sin(x)$ has a zero at $x = 0$) |

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