

---

## Acronyms of Physics: ?@sec-workenergy

---

$A$  = Action  
 $t$  = time  
 $v$  = velocity  
 $p$  = momentum  
 $I$  = inertia  
 $\mathcal{H}$  = Hamiltonian  
 $\mathcal{U}$  = effective potential Energy ( $\in E_{pot}$ )  
 $\mathcal{Z} = \frac{1}{2} \frac{L_0^2}{mr^2}$  = Centrifugal Potential  
 $k$  = Wave Vector (“curvature”)  
 $P$  = Pressure  
 $T$  = endogen Temperature  
 $U$  = endogen Energy ( $E_{kin} + E_{pot}$ )  
 $\mathcal{A}$  = Magnetic Potential  
 $g_0$  = Gas constant  
 $q$  = charge  
 $\epsilon_0$  = electric constant  
 $\mu_0$  = magnetic constant  
 $\mathcal{E}$  = Electric Field  
 $c_0 = \frac{1}{m} \frac{\Delta H}{\Delta T}$  = specific heat  
 $l$  = Moll quantity  
 $z$  = amount of constraints (boundry conditions)  
 $\kappa = \frac{c_P}{c_V} = \frac{f+2}{f}$  = adiabaty  
 $\iota = 0$  isobar  
 $\iota = \infty$  isochor

---

## Acronyms of Economy: ?@sec-productivityvalue

---

|  |  |
|--|--|
| $T$ = Taxes  | $M$ = Import of Goods and Services from<br>foreing symstes |
| $G$ = Government Expenses, incl. Social<br>Insurances                        | $X$ = Export of Goods and Services to foreign<br>system    |
| $Y$ = Income of Economy from Turnover  | $G_A$ = Governmental Subsidies                             |
| $D_A$ = Depreciations (Reinvestments) on<br>Assets                           | $V_N$ = Net Naöional Production, Society NNP               |
| $N$ = Monetary Quantity  | $Q$ = Monetary Turnover Velocity                           |
| $V_I$ = Gross Domestic Product $GDP = \frac{Output}{Input}$ ,<br>Tradevolume | $P$ = Price niveau (Inflation adjusted Value)              |
| $L$ = Wages from Labor Work (Salaries, ...)                                  | $R$ = Returns, Earnings, Gains                             |

---

|  |  |
|--|--|
| $Y_A$ = Income of priv. Business Households<br>(Companies, Services, Real Estate Rentals,<br>Retained Profits) | $Y_H$ = Income from priv. Capital Households<br>(Interests, Coupons, Dividends, ... of priv.<br>Assets, Investmens, Credits, Debits, Bonds,<br>Equity) |
| $T_A$ = Tax on Capital of Corprate Compaies<br>(Business Assets)   | $Y_G$ = Governmental Income from Assets,<br>Services, Social Institutions/Insurances   |
| $Z_G$ = Interests on Governmental Debt   | $V_S$ = Gross National Produkt, Society GNP  |
| $I$ = Investments on Assets, incl. Storage<br>Change   | $R_M$ = Capital Earnings and Wages from<br>Abroad (from Foreign System)  |
| $R_X$ Capital Earnings and Wages to Abroad<br>(to Foreign System)  | $W$ = Expensens, costs from human and<br>machinary work efforts  |

---