Allgemeine Zusammenhänge

$\phi_{el}(\vec{r}) = -\int_{\infty}^{\vec{r_A}} \vec{E} d\vec{r}$	$\vec{E}(\vec{r}_A) = -\nabla\phi_{el}(\vec{r}_A)$
$\phi_{grav}(\vec{r}) = -\int_{\infty}^{\vec{r_A}} \vec{G} d\vec{r}$	$\vec{G}(\vec{r}_A) = -\nabla\phi_{grav}(\vec{r}_A)$
$E_{pot}(\vec{r}) = -\int_{\infty}^{\vec{r_A}} \vec{F} d\vec{r}$	$\vec{F}(\vec{r}_A) = -\nabla E_{pot}(\vec{r}_A)$