



$$= a \left(\frac{e^{2}}{a} r dr = -\frac{e^{2}}{a^{2}} \right) \left(\frac{e^{2}}{a^{2}} r = -\frac{e^{2}}{a^{2}} \frac{e^{2}}{a^{2}} \right) + \frac{e^{2}}{a^{2}} \frac{e^{2}}{a^{2}} r = -\frac{e^{2}}{a^{2}} \frac{e^{2}}{a^{2}} \left(\frac{e^{2}}{a^{2}} r = -\frac{e^{2}}{a^{2}} \frac{e^{2}}{a^{2}} \right) + \frac{e^{2}}{a^{2}} \frac{e^{2}}{a^{2}} r = -\frac{e^{2}}{a^{2}} r = -\frac{e^{2}}{a^{2}} \frac{e^{2}}{a^{2}} r = -\frac{e^{2}}{a^{2}} \frac{e^{2}}{a^{2}} r = -\frac{e^{2}}{a^{2}} r = -\frac{e^{2}}$$