1126-14-23 **Changho Keem*** (`ckeem1@gmail.com`), Department of Mathematics, College of Natural Sciences, Seoul National University, Seoul, 151-752, South Korea, and **YunHwan Kim**.
Irreducibility of the Hilbert scheme of space curves of degree g.

We denote by $\mathcal{H}_{d,g,r}$ the Hilbert scheme of smooth curves, which is the union of components whose general point corresponds to a smooth irreducible and non-degenerate curve of degree d and genus g in $\mathbb{P}^r$. In this note, we show that any non-empty $\mathcal{H}_{g,g,3}$ is irreducible without any restriction on the genus g. This extends the result obtained earlier by Hristo Iliev(2006). (Received November 24, 2016)