2006a Motives over $\mathbb{F}_p$

(Available at www.jmilne.org/math/)

At Kevin Buzzard's request, I clarify the footnote 5 on p11.

In common English, the statement

> I do not run every day.

means

> There are some days on which I do not run.

Similarly,

> $a(n)$ is not zero for all n.

means

> There are some n for which $a(n)$ is not zero.

For me at least, the following statements are equivalent:

> $a(n)$ is not zero for all n.
>
> $a(n)$ is not equal to zero for all n.
>
> $a(n) \neq 0$ for all n.

Lenstra uses the last to mean "no $a(n)$ is zero", which I certainly find confusing. In fact, I had to read his proof to make sure I was (miss)interpreting it correctly.

This may be a Dutch problem. Oort (arXiv:math.AG/0701479v1, p81) writes that a simple algebra "does not split at every real place of L" when he means that it "splits at no real place of L". This is clearly wrong.