Corrections to

Olver, P.J., Generating differential invariants, *J. Math. Anal. Appl.* **333** (2007), 450–471.

Corrected last paragraph of the paper. (Thanks to Orn Arnaldsson for spotting this.)

But in this case, the essential invariants $I_{yy}, I_{xxy}, I_{xxxx}$ do generate all higher order differential invariants. Indeed, the first two recurrence formulas are

$$\mathcal{D}_1 I_{yy} = I_{xxy} + I_{xyy}, \qquad \mathcal{D}_2 I_{yy} = I_{xxy} + I_{xyy} + I_{yyy}, \qquad (7.10)$$

while all the rest are exactly the same as in (7.6)–(7.7). Observe that we are now able to write the non-essential edge invariants I_{xyy}, I_{xxxy}, as well as all the non-edge differential invariants, in terms of $I_{yy}, I_{xxy}, I_{xxxx}$.