

Corrections to

Olver, P.J., Differential invariants of maximally symmetric submanifolds,
J. Lie Theory **19** (2009), 79–99.

Last updated: February 25, 2016.

On page 95, equation (5.25):

The term a_4v in the coefficient of $\partial/\partial y$ should be a_4x :

$$\begin{aligned} \mathbf{v}_a^{(2)} = & (a_1 + a_4y - a_5u) \frac{\partial}{\partial x} + (a_2 - a_4x - a_6u) \frac{\partial}{\partial y} + (a_3 + a_5x + a_6y) \frac{\partial}{\partial u} + \\ & + (a_4u_y + a_5(1 + u_x^2) + a_6u_xu_y) \frac{\partial}{\partial u_x} + (-a_4u_x + a_5u_xu_y + a_6(1 + u_y^2)) \frac{\partial}{\partial u_y} + \\ & + (2a_4u_{xy} + 3a_5u_xu_{xx} + a_6(u_yu_{xx} + 2u_xu_{xy})) \frac{\partial}{\partial u_{xx}} + \tag{5.25} \\ & + (a_4(u_{yy} - u_{xx}) + a_5(u_yu_{xx} + 2u_xu_{xy}) + a_6(2u_yu_{xy} + u_xu_{yy})) \frac{\partial}{\partial u_{xy}} + \\ & + (-2a_4u_{xy} + a_5(2u_yu_{xy} + u_xu_{yy}) + 3a_6u_yu_{yy}) \frac{\partial}{\partial u_{yy}} . \end{aligned}$$