

Erratum: Implementable Mechanisms to Coordinate Horizontal Alliances

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Due to an error in typesetting, Equations (6)–(11) were misnumbered in the original printing of this paper in *Management Science*, Vol. 47 No. 6, June 2001, pp. 787–799. Equations (6)–(11) are reprinted and correctly numbered below.

$$\begin{aligned}
 & \frac{dV(\mathbf{e}(t, r), \hat{x}(\cdot))}{dt} \\
 &= -[d_D(\cdot) + d_E(\cdot)]f(\hat{x}(\cdot))\frac{\partial \hat{x}(\cdot)}{\partial t} \\
 & \quad - \int_{\hat{x}(\cdot)}^{\bar{x}} \left[\frac{\partial d_D(x, y(\hat{x}(\cdot)), \mathbf{e}(t, r))}{\partial y} + \frac{\partial d_E(x, y(\hat{x}(\cdot)), \mathbf{e}(t, r))}{\partial y} \right] f(x) dx f(\hat{x}(\cdot)) \frac{\partial \hat{x}(\cdot)}{\partial t} \\
 & \quad - [d_D(\cdot) + d_E(\cdot)]f(\hat{x}(\cdot))\frac{\partial \hat{x}(\cdot)}{\partial \mathbf{e}_{\hat{x}}}(t, r) \\
 & \quad - \int_{\hat{x}(\cdot)}^{\bar{x}} \left[\frac{\partial d_D(x, y(\hat{x}(\cdot)), \mathbf{e}(t, r))}{\partial y} + \frac{\partial d_E(x, y(\hat{x}(\cdot)), \mathbf{e}(t, r))}{\partial y} \right] f(x) dx f(\hat{x}(\cdot)) \frac{\partial \hat{x}(\cdot)}{\partial \mathbf{e}_{\hat{x}}}(t, r) \\
 & \quad + \left[\frac{\partial d_D(x, y(\hat{x}(\cdot)), \mathbf{e}(t, r))}{\partial e_{\hat{x}}} + \frac{\partial d_E(x, y(\hat{x}(\cdot)), \mathbf{e}(t, r))}{\partial e_{\hat{x}}} \right] f(\hat{x}(\cdot)) \frac{\partial e_{\hat{x}}(t, r)}{\partial t} \\
 & \quad + \int_{\inf x > \hat{x}(\cdot)}^{\bar{x}} \left[\frac{\partial d_D(x, y(\hat{x}(\cdot)), \mathbf{e}(t, r))}{\partial e_x} + \frac{\partial d_E(x, y(\hat{x}(\cdot)), \mathbf{e}(t, r))}{\partial e_x} \right] f(x) dx \frac{\partial e_{\hat{x}}(t, r)}{\partial t} \\
 &= 0, \tag{6}
 \end{aligned}$$

$$\left[\frac{dV(\mathbf{e}(\hat{t}^*, \hat{r}^*), \hat{x}(\cdot))}{d\hat{t}^*} \right]_{\hat{t}^*} = 0, \quad \left[\frac{dV(\mathbf{e}(\hat{t}^*, \hat{r}^*), \hat{x}(\cdot))}{d\hat{r}^*} \right]_{\hat{r}^*} = 0 \tag{7}$$

$$\frac{dV(\mathbf{e}(\hat{t}^*, \hat{r}^*), \hat{x}(\cdot))}{d\hat{t}^*} \leq 0, \quad \frac{dV(\mathbf{e}(\hat{t}^*, \hat{r}^*), \hat{x}(\cdot))}{d\hat{r}^*} \leq 0 \tag{8}$$

$$\hat{t}^* \geq 0, \quad \hat{r}^* \geq 0, \tag{9}$$

$$\begin{aligned}
 \frac{dV(\mathbf{e}(\hat{t}^*, \hat{r}^*), \hat{x}(\cdot))}{d\hat{t}^*} &= \frac{\partial V(\mathbf{e}(\hat{t}^*, \hat{r}^*), \hat{x}(\cdot))}{\partial \hat{x}} \frac{\partial \hat{x}(\cdot)}{\partial \hat{t}^*} \\
 & \quad + \frac{\partial V(\mathbf{e}(\hat{t}^*, \hat{r}^*), \hat{x}(\cdot))}{\partial \hat{x}} \frac{\partial \hat{x}(\cdot)}{\partial e_{\hat{x}}} \frac{\partial e_{\hat{x}}(\hat{t}^*, \hat{r}^*)}{\partial \hat{t}^*} \\
 & \quad + \frac{\partial V(\mathbf{e}(\hat{t}^*, \hat{r}^*), \hat{x}(\cdot))}{\partial e_{\hat{x}}} \frac{\partial e_{\hat{x}}(\hat{t}^*, \hat{r}^*)}{\partial \hat{t}^*} \\
 & \quad + \frac{\partial V(\mathbf{e}(\hat{t}^*, \hat{r}^*), \hat{x}(\cdot))}{\partial e_{\hat{x}}} \frac{\partial e_{\hat{x}}(\hat{t}^*, \hat{r}^*)}{\partial \hat{t}^*}, \tag{10}
 \end{aligned}$$

$$\begin{aligned}
 \frac{dV(\mathbf{e}(\hat{t}^*, \hat{r}^*), \hat{x}(\cdot))}{d\hat{r}^*} &= \frac{\partial V(\mathbf{e}(\hat{t}^*, \hat{r}^*), \hat{x}(\cdot))}{\partial \hat{x}} \frac{\partial \hat{x}(\cdot)}{\partial \hat{r}^*} \\
 & \quad + \frac{\partial V(\mathbf{e}(\hat{t}^*, \hat{r}^*), \hat{x}(\cdot))}{\partial \hat{x}} \frac{\partial \hat{x}(\cdot)}{\partial e_{\hat{x}}} \frac{\partial e_{\hat{x}}(\hat{t}^*, \hat{r}^*)}{\partial \hat{r}^*} \\
 & \quad + \frac{\partial V(\mathbf{e}(\hat{t}^*, \hat{r}^*), \hat{x}(\cdot))}{\partial e_{\hat{x}}} \frac{\partial e_{\hat{x}}(\hat{t}^*, \hat{r}^*)}{\partial \hat{r}^*} \\
 & \quad + \frac{\partial V(\mathbf{e}(\hat{t}^*, \hat{r}^*), \hat{x}(\cdot))}{\partial e_{\hat{x}}} \frac{\partial e_{\hat{x}}(\hat{t}^*, \hat{r}^*)}{\partial \hat{r}^*}. \tag{11}
 \end{aligned}$$