$$\nabla I_4(\mathbf{s})\nabla I_0(\mathbf{s}); \nabla I_1(\mathbf{s})\nabla I_2(\mathbf{s}); \quad \nabla I_3(\mathbf{s});$$

$$\delta \mathbf{v}_{\text{max}}(\mathbf{s})$$

$$D(\mathbf{s})$$