

| Field | \vec{r}_1 | \vec{r}_2 | \vec{r}_3 | indep. of parameterization? |
|-------------|-------------|-------------|-------------|-----------------------------|
| \vec{F}_1 | | | | |
| \vec{F}_2 | | | | |
| \vec{F}_3 | | | | |
| \vec{F}_4 | | | | |
| \vec{F}_5 | | | | |
| \vec{F}_6 | | | | |

| Field | \vec{s}_1 | \vec{s}_2 | \vec{s}_3 | \vec{s}_4 | independent of path? |
|-------------|-------------|-------------|-------------|-------------|----------------------|
| \vec{F}_1 | | | | | |
| \vec{F}_2 | | | | | |
| \vec{F}_3 | | | | | |
| \vec{F}_4 | | | | | |
| \vec{F}_5 | | | | | |
| \vec{F}_6 | | | | | |

| Field | \vec{s}_5 | \vec{s}_6 | \vec{s}_7 | \vec{s}_8 | circulation free? |
|-------------|-------------|-------------|-------------|-------------|-------------------|
| \vec{F}_1 | | | | | |
| \vec{F}_2 | | | | | |
| \vec{F}_3 | | | | | |
| \vec{F}_4 | | | | | |
| \vec{F}_5 | | | | | |
| \vec{F}_6 | | | | | |

| Field | $\frac{\partial Q}{\partial x} - \frac{\partial P}{\partial y}$ | irrotational? |
|-------------|---|---------------|
| \vec{F}_1 | | |
| \vec{F}_2 | | |
| \vec{F}_3 | | |
| \vec{F}_4 | | |
| \vec{F}_5 | | |
| \vec{F}_6 | | |