$$\varphi = \varphi_{u} - \varphi_{i}$$

$$P_{L} = Q$$

$$\varphi$$

$$\varphi_{u} \qquad \varphi_{i}$$

$$\varphi_{i} \qquad \varphi_{i}$$

$$\varphi_{i} \qquad \varphi_{i}$$