1 Phong Projection and PhongPD

Fig. 3 is incorrect. In this document, we give a correct figure and a caption.

![Phong Projection and PhongPD Diagram](image)

**Figure 1:** The blue rectangle denotes $C_{cont}$. The black solid arrows show vertex normals. As $q_o$ moves along the green curve, (a) has four Phong-projected results (the two vertical and two horizontal orange arrows) when $q_o$ is located at the center of $C_{cont}$, but (b) has a unique PD (the right arrow), which is closest to the previous result.