In the passage, the author states humpback whales may migrate rely on stars for navigation. But the professor refutes that viewpoint, he think the reasons in the passage are not convincing.

First of all, the author claims that humpback whales are intelligent enough to navigating rely on stars, but the professor argues that there are no relationships between intelligence and navigating ability rely on stars. For instance, the duck of birds evolve the ability that navigating rely on stars. However, duck is not intelligence, not as advanced as the humpback whales. So, it seems that there is no real connection between the intelligence and the ability to navigate by stars.

In addition, the author states that there are not land features support humpback whales migrate in straight line for long distance. So they must rely on stars. And, the professor challenges this idea. He points out that the presence of biomagnetie in the brains of humpback whales can sense the magnetic field of Earth. The Earth’s magnetic field helps humpback whales migrate.

Finally, the professor casts doubt on that humpback whales looking for stars through the spy hopping(a rare behavior of marine animals ). He claims that there are no relationships between spy hopping and looking for stars, since other animals exhibit this behavior without migrating, especially sharks. Also, sometimes humpback whales spy hopping under the night sky without stars.

The conclusion, the state that humpback whales adopt spy hopping to look at star is not convincing.