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| **GE 2318 Homework #8 2024**  **Name: Student ID:**  **Q1:** Consider the following functions:  (a) (b)  (c) (d)    Show which function is:    Convergent: \_\_(\_\_)\_\_  Divergent: \_\_(\_\_)\_\_  Periodic: \_\_(\_\_)\_\_  Chaotic: \_\_(\_\_)\_\_  **Q2:** Chaotic stirring liquids is efficient due to the \_\_\_\_\_\_\_\_\_\_\_\_\_ property of chaos  Chaotic spreading data is efficient due to the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ property of chaos  **Q3:** Astronomers consider the universe to be a chaotic system, because they believe:  **Answer:** |

This HW-8 is due by 11:59pm @ Tuesday 2 April 2024 to Canvas