

泰山学院数学与统计学院

2024级数据科学与大数据技术专业本科

2024 ~ 2025学年第一学期

线性代数 试卷B答题纸

|                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                         |                                                                                         |
|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|
| 注<br>意<br>事<br>项 | 1. 请严格按照题号在相应答题区域作答，超出答题区域的答案无效；在草稿纸、试卷上答题无效。禁止填涂答题纸四角的识别区。                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                         |                                                                                         |
|                  | 2. 答题前请先将姓名、学号填涂清楚。                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                         |                                                                                         |
|                  | 3. 客观题使用2B铅笔填涂；修改时用橡皮擦干净。                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                         |                                                                                         |
|                  | 4. 保持卷面清洁，不要装订、折叠、破损。                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                         |                                                                                         |
| 填<br>涂           | 正确填涂：  错误填涂：      |                                                                                         |                                                                                         |
| 考<br>生<br>禁<br>填 | 缺考<br>                                                                                                                                                                                                                                                                                                                                                                                                                                    | 作弊<br> | 违纪<br> |

| 学号(*必填项*)                                                                           |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |  |  |  |  |  |  |  |
| [0]                                                                                 | [0]                                                                                 | [0]                                                                                 | [0]                                                                                 | [0]                                                                                 | [0]                                                                                 | [0]                                                                                 | [0]                                                                                 | [0]                                                                                 | [0]                                                                                 |
| [1]                                                                                 | [1]                                                                                 | [1]                                                                                 | [1]                                                                                 | [1]                                                                                 | [1]                                                                                 | [1]                                                                                 | [1]                                                                                 | [1]                                                                                 | [1]                                                                                 |
| [2]                                                                                 | [2]                                                                                 | [2]                                                                                 | [2]                                                                                 | [2]                                                                                 | [2]                                                                                 | [2]                                                                                 | [2]                                                                                 | [2]                                                                                 | [2]                                                                                 |
| [3]                                                                                 | [3]                                                                                 | [3]                                                                                 | [3]                                                                                 | [3]                                                                                 | [3]                                                                                 | [3]                                                                                 | [3]                                                                                 | [3]                                                                                 | [3]                                                                                 |
| [4]                                                                                 | [4]                                                                                 | [4]                                                                                 | [4]                                                                                 | [4]                                                                                 | [4]                                                                                 | [4]                                                                                 | [4]                                                                                 | [4]                                                                                 | [4]                                                                                 |
| [5]                                                                                 | [5]                                                                                 | [5]                                                                                 | [5]                                                                                 | [5]                                                                                 | [5]                                                                                 | [5]                                                                                 | [5]                                                                                 | [5]                                                                                 | [5]                                                                                 |
| [6]                                                                                 | [6]                                                                                 | [6]                                                                                 | [6]                                                                                 | [6]                                                                                 | [6]                                                                                 | [6]                                                                                 | [6]                                                                                 | [6]                                                                                 | [6]                                                                                 |
| [7]                                                                                 | [7]                                                                                 | [7]                                                                                 | [7]                                                                                 | [7]                                                                                 | [7]                                                                                 | [7]                                                                                 | [7]                                                                                 | [7]                                                                                 | [7]                                                                                 |
| [8]                                                                                 | [8]                                                                                 | [8]                                                                                 | [8]                                                                                 | [8]                                                                                 | [8]                                                                                 | [8]                                                                                 | [8]                                                                                 | [8]                                                                                 | [8]                                                                                 |
| [9]                                                                                 | [9]                                                                                 | [9]                                                                                 | [9]                                                                                 | [9]                                                                                 | [9]                                                                                 | [9]                                                                                 | [9]                                                                                 | [9]                                                                                 | [9]                                                                                 |

一、单选题 ( 每题3分 , 共18分 )

1. [A] [B] [C] [D]      6. [A] [B] [C] [D]
2. [A] [B] [C] [D]
3. [A] [B] [C] [D]
4. [A] [B] [C] [D]
5. [A] [B] [C] [D]

二、填空题 ( 共18分 )

1.(2分)

2.(2分)

3.(2分)

4.(4分)

5.(4分)

6.(4分)

三、计算题 ( 共54分 )

1. (9分)

2. (9分)



3. (9分)

4. (9分)



5. (9分)

6. (9分)



四、证明题 ( 共10分 )

1. (10分)