

数据 ID 增强后热像图数据 (8x8 像素矩阵, 单位:° C) 温度修正后热像图数据 (8x8 像素矩阵, 单位:° C) 发热强度数据 (区域最高温-环境温, ° C) 目标特征数据 (GNN 输出特征向量 样例) 故障区域 (像素坐标) 故障类型 故障严重级别

1 [[31.5, 31.8, 32.5, ..., 31.1], ..., [31.2, 31.4, 76.1, ..., 31.6]] [[31.3, 31.6, 32.3, ..., 30.9], ..., [31.0, 31.2, 75.9, ..., 31.4]] 52.4 [0.85, 0.12, 0.03, ..., 0.98] (6,2) 元件过热 高危
2 [[31.6, 31.9, 32.4, ..., 31.2], ..., [31.3, 31.5, 76.4, ..., 31.7]] [[31.4, 31.7, 32.2, ..., 31.0], ..., [31.1, 31.3, 76.2, ..., 31.5]] 52.7 [0.87, 0.13, 0.04, ..., 0.99] (6,2) 元件过热 高危
3 [[45.3, 45.0, 45.2, ..., 43.8], ..., [43.9, 44.1, 44.5, ..., 44.0]] [[45.1, 44.8, 45.0, ..., 43.6], ..., [43.7, 43.9, 44.3, ..., 43.8]] 20.9 [0.15, 0.22, 0.91, ..., 0.05] 无 正常 正常

