|  |  |  |  |
| --- | --- | --- | --- |
|  | O | left | right |
| 1차 | 266.5 | 304.8 | 228.1 |
| 2차 | 266.5 | 304.7 | 205.6 |
| 3차 | 266.5 | 304.8 | 228.2 |

[표1] 실험 1 측정값

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| . | O | yellow | green | blue | violet |
| 1차 | 266.7 | 229.2 | 229.0 | 228.2 | 227.5 |
| 2차 | 266.7 | 229.2 | 229.1 | 228.2 | 227.8 |
| 3차 | 266.7 | 229.4 | 229.2 | 228.2 | 227.8 |

[표2] 실험 2 측정값

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| . | O | violet\_R | blue\_R | turquoise\_R | green\_R | yellow\_R |
| 1차 | 266.7 | 252.3 | 251.3 | 249.3 | 247.3 | 246.2 |
| 2차 | 266.5 | 252.5 | 251.4 | 249.4 | 247.5 | 246.3 |
| 3차 | 266.5 | 252.5 | 251.4 | 249.5 | 247.5 | 246.4 |
| . | . | violet\_L | blue\_L | turquoise\_L | green\_L | yellow\_L |
| . | . | 280.7 | 281.8 | 283.8 | 285.8 | 286.9 |
| . | . | 280.8 | 281.8 | 283.9 | 285.8 | 287.0 |
| . | . | 280.5 | 281.7 | 283.7 | 285.7 | 286.8 |

[표3] 실험3 측정 값

|  |  |  |
| --- | --- | --- |
| . | left | right |
| 1차 | 59.4 | 60.9 |
| 2차 | 59.3 | 60.9 |
| 3차 | 59.4 | 60.8 |
| MEAN | 59.4 | 60.9 |

[표4] 실험1에서 구한 실험 값

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| . | yellow | green | blue | violet |
| 1차 | 37.5 | 37.7 | 38.5 | 39.2 |
| 2차 | 37.5 | 37.6 | 38.5 | 38.9 |
| 3차 | 37.3 | 37.5 | 38.5 | 38.9 |
| MEAN | 37.4 | 37.6 | 38.5 | 39.0 |
| n(prism,color) | 1.503 | 1.505 | 1.515 | 1.521 |

[표5] 실험1, 2를 통해 구한 굴절률

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| . | MEAN\_V | MEAN\_B | MEAN\_T | MEAN\_G | MEAN\_Y |
| 1차 | 14.2 | 15.3 | 17.3 | 19.3 | 20.3 |
| 2차 | 14.2 | 15.2 | 17.2 | 19.2 | 20.3 |
| 3차 | 14.0 | 15.1 | 17.1 | 19.1 | 20.2 |
| MEAN | 14.1 | 15.2 | 17.2 | 19.2 | 20.3 |
| λ[nm] | 406 | 437 | 493 | 547 | 578 |

[표6] 실험1, 3을 통해 구한 회절된 광선의 파장