| The state of the s | Date 2021, 10,29.                       |
|--|---|
| 513).  | (1) Phyvah                              |
| (You) (PayvQ(x))   | (2) -QWV-Rh)                            |
| / Ital (Q(2) -> 7R(2))   | (3) R(x)                                |
| 1 (Hz) R (D)   | (4). ¬p(a)                              |
| $\Rightarrow$ $(\forall x) P(x)$ .   | (5).70(2) (2)(3) 泊结                     |
|  | (6) P(2). (1)(1)均锰.                     |
| 雅理证明:  | (4)(6)归结。                               |
| (1) (2) (PWVQW)  |   |
| 12)(サス)(Q(x) →7K(x)) 的提到   | 15(4)                                   |
| 131. (AX) K(M)   | 大学里的学生,不是李科生就是                          |
| (4). P(a) VQ(x) (1)] 全称影   | 司石开农生。                                  |
| (5) Q(2) -> 7 R(y) (4) 清充.   | 有的学生是高材生。                               |
| (6). R(X) > 7Q(X) (5) 置线.  | John 不是不开究.生但是高材生.                      |
| (7) R(b) (3)全标量随   | 五人从的的是学生及是科学                            |
| (8). 7以(3) (6)(7) (6)  |   |
| (9) (300 POO) (4)(8))  | <b>建</b> 州                              |
| (a). ¬Q(b) → P(x) (4) 置换.  | 令 P(n) 为 x 是大学生                         |
| (10). P(2). (8)(9)3/4  | QW)···李科生                               |
| (11)(敌)户(公) (10)全称量词引)   |   |
|  | S(a) · 高村生                              |
| 月生江阳!  | w 表示 John, 有                            |
| 建立子可集。   | (Vx)(P(a) → (ak) V Rb))                 |
| [ P(a) va(a), ¬Q(a) V¬P(x), R(x),  | $\Lambda(\exists x)(P(a) \Lambda s(a))$ |
| 7P(a) }  | $\Lambda (\neg R(w) \land S(w)).$       |
|  | $\Rightarrow$ (P(w) $\rightarrow$ Q(w)) |
|  |   |
|  |   |

Date.

|                                     | 1000 KO No TV R 600  |
|-------------------------------------|--|
| 扩 理证明:                              | Marie Challet  |
| (1) (4x) (PW > (QWVRW))             | (7)(0),6   |
| (2)(3x)(P(x) / 56)) / 前步是           | (9) R (W). (7)(8) 494  |
| (3).7R(w) 15(w).                    | (10) [1. (4) (9) 13 4  |
| (4). P(w) -> (a(w) V R(w)) (1)全种量间的 | E  |
| (S) P(w) AS(w) (2)存在量词清楚            |  |
| (e) P(w) (s)                        |  |
| (7) S(W) (D).                       | (03) (03)(19)  |
| (8) Q(w) V R(w) (4)(b) 写离           |  |
| 1997 (CLOTORIO) VALORWATERNY        | CAR ALL  |
| (8) 高龙                              |  |
| (ap). 7 R (w) (3).                  |  |
| (8)(9)公寓                            | 11/19 - 1/15   |
| (11) P(w)→Q(w) 条件证明.                |  |
|                                     | DEVINE LAL - CO  |
| Y3结证明,                              | A RATE OF THE PARTY OF THE PART |
| 建立子向集:                              | and the same of th |
| {-P(2) V (QQ) VR(Q), P(Q), S(Q)     |  |
| 7R(w), S(w), P(w), 7Q(w)}           | THE MENT CONTRACTOR  |
| (1) -P(a) V (Q(a) V R(a)).          | THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAMED IN COLUMN TW |
| (2) P(a)                            |  |
| (37 S(a)                            | The second second  |
| (4) ¬K(w)                           | LAS ENGLA VINC   |
|                                     | THE WATER OF THE PARTY OF THE P |
|                                     | (4.9)  |
| 12)                                 |  |
| (1). 7Q(W).                         |  |