| ATIVIDADE 1 -                              | MÉTODOS                    | COMPUTACIONA | 15 PARD FÍSICI   | Δ   |
|--|----------------------------|--------------|--|-----|
| GERALDO DA                                 | COSTA STOWE                | IRD NETO     | A series and a ser |     |
|  |                            |              |  |     |
| s) Eq. (14):                               |                            |              | an Dt2   |     |
|  | Vn = 2(n+1                 |              |  |     |
| Eq. (16):                                  | 2( n+ ) = 2(n              | + Un Dt o La | an Dt2   |     |
| Eq. (17):                                  | Unis = Un                  | + 1 (an+1 +  | an) At   |     |
|  |                            |              |  |     |
| 1) Mostrando a                             | egivivalência              | de (16):     |  |     |
| Xn+1=                                      | 21/n - 1/n-s               | + an At2     | · · · · · · · · · · · · · · · · · · ·  |     |
| Usando (15),                               | substituimos               | 2/n-3        |  |     |
| 1 / n-1 =                                  | 2 Vn Dt - 20<br>22n + 2 Vn | , W+7        |  |     |
| \( \chi \chi \chi \chi \chi \chi \chi \chi | 2×n + 2 Vn                 | At-dn+s      | + an Dt2   |     |
| 2 2( N+3 =                                 | 2nn + 2                    | un st + an   | n Dt'  | 1/2 |
| 2(N+3 =                                    | = Nn + Tn                  | St + 1 am D  | it <sup>2</sup>  |     |
|  |                            |              | XI   |     |

