$\mathbf{CWD} := \text{“C:\PhD\2015\00 Papers\Paper 3 – Simeonof Island\”}$

$CWD2 := \text{“C:\PhD\2015\00 Papers\Paper 3 – Simeonof Island\gdal\”}$

$\mathbf{CWD3} := \text{“C:\PhD\2015\00 Papers\Paper 3 – Simeonof Island\00 – Landsat\”}$

$$
\begin{aligned}
Output := \;& Log0 \leftarrow \text{READTEXT}(\text{“arquivos.log”}) \\
& \text{for } i \in 0 \,..\, \text{rows}(Log0) - 1 \\
& \quad Log_i \leftarrow \text{substr}\left(Log0_i, 0, \text{strlen}\left(Log0_i\right) - 8\right) \\
& \quad Log \\
& Log \leftarrow Log \\
& A_0 \leftarrow \text{“echo off”} \\
& A_1 \leftarrow \text{“cd\”} \\
& A_2 \leftarrow \text{concat}(\text{“cd }''\text{”}, \mathbf{CWD3}, \text{“}''\text{”}) \\
& A_3 \leftarrow \text{concat}(\text{“copy *B2.tif }''\text{”}, CWD2, \text{“}''\text{”}) \\
& A_4 \leftarrow \text{concat}(\text{“copy *B3.tif }''\text{”}, CWD2, \text{“}''\text{”}) \\
& A_5 \leftarrow \text{concat}(\text{“copy *B4.tif }''\text{”}, CWD2, \text{“}''\text{”}) \\
& A_6 \leftarrow \text{concat}(\text{“copy *B6.tif }''\text{”}, CWD2, \text{“}''\text{”}) \\
& A_7 \leftarrow \text{concat}(\text{“cd }''\text{”}, CWD2, \text{“}''\text{”}) \\
& cont \leftarrow 0 \\
& \text{for } j \in 0 \,..\, \text{rows}(Log) - 1 \\
& \quad A_{8+count} \leftarrow \text{concat}\left(\text{“gdal_translate –of AAIGrid ”}, \text{concat}\left(Log_j, \text{“_B2.tif ”}\right), \text{concat}\left(Log_j, \text{“_B2.asc”}\right)\right) \\
& \quad A_{8+count+1} \leftarrow \text{concat}\left(\text{“gdal_translate –of AAIGrid ”}, \text{concat}\left(Log_j, \text{“_B3.tif ”}\right), \text{concat}\left(Log_j, \text{“_B3.asc”}\right)\right) \\
& \quad A_{8+count+2} \leftarrow \text{concat}\left(\text{“gdal_translate –of AAIGrid ”}, \text{concat}\left(Log_j, \text{“_B4.tif ”}\right), \text{concat}\left(Log_j, \text{“_B4.asc”}\right)\right) \\
& \quad A \leftarrow \text{concat}(\text{“gdal_translate –of AAIGrid ”}, \text{concat}(Log_j, \text{“_B6.tif ”}), \text{concat}(Log_j, \text{“_B6.asc”}))
\end{aligned}
$$

$count \leftarrow count + 4$

$A_{8+count} \leftarrow$ "del *B2.tif"

$A_{8+count+1} \leftarrow$ "del *B3.tif"

$A_{8+count+2} \leftarrow$ "del *B4.tif"

$A_{8+count+3} \leftarrow$ "del *B6.tif"

$A_{8+count+4} \leftarrow$ "del *B2.prj"

$A_{8+count+5} \leftarrow$ "del *B3.prj"

$A_{8+count+6} \leftarrow$ "del *B4.prj"

$A_{8+count+7} \leftarrow$ "del *B6.prj"

$A_{8+count+8} \leftarrow$ "del *B2*.xml"

$A_{8+count+9} \leftarrow$ "del *B3*.xml"

$A_{8+count+10} \leftarrow$ "del *B4*.xml"

$A_{8+count+11} \leftarrow$ "del *B6*.xml"

$A_{8+count+12} \leftarrow$ "move *B2.asc "C:\PhD\2015\00 Papers\Paper 3 – Simeonof Island\00 – Landsat""

$A_{8+count+13} \leftarrow$ "move *B3.asc "C:\PhD\2015\00 Papers\Paper 3 – Simeonof Island\00 – Landsat""

$A_{8+count+14} \leftarrow$ "move *B4.asc "C:\PhD\2015\00 Papers\Paper 3 – Simeonof Island\00 – Landsat""

$A_{8+count+15} \leftarrow$ "move *B6.asc "C:\PhD\2015\00 Papers\Paper 3 – Simeonof Island\00 – Landsat""

WRITETEXT("02GDALbat.bat", A)

$$
Output = \begin{bmatrix}
\text{“echo off”} \\
\text{“cd\”} \\
\text{“cd ″C:\PhD\2015\00 Papers\Paper 3 – Simeonof Island\00 – Landsat\″”} \\
\text{“copy *B2.tif ″C:\PhD\2015\00 Papers\Paper 3 – Simeonof Island\gdal\″”} \\
\text{“copy *B3.tif ″C:\PhD\2015\00 Papers\Paper 3 – Simeonof Island\gdal\″”} \\
\text{“copy *B4.tif ″C:\PhD\2015\00 Papers\Paper 3 – Simeonof Island\gdal\″”} \\
\text{“copy *B6.tif ″C:\PhD\2015\00 Papers\Paper 3 – Simeonof Island\gdal\″”} \\
\text{“cd ″C:\PhD\2015\00 Papers\Paper 3 – Simeonof Island\gdal\″”} \\
\text{“gdal_translate –of AAIGrid LC80720222016183LGN00_B2.tif LC80720222016183LGN00_B2.asc”} \\
\text{“gdal_translate –of AAIGrid LC80720222016183LGN00_B3.tif LC80720222016183LGN00_B3.asc”} \\
\text{“gdal_translate –of AAIGrid LC80720222016183LGN00_B4.tif LC80720222016183LGN00_B4.asc”} \\
\text{“gdal_translate –of AAIGrid LC80720222016183LGN00_B6.tif LC80720222016183LGN00_B6.asc”} \\
\text{“del *B2.tif”} \\
\text{“del *B3.tif”} \\
\text{“del *B4.tif”} \\
\text{“del *B6.tif”} \\
\text{“del *B2.prj”} \\
\text{“del *B3.prj”} \\
\text{“del *B4.prj”} \\
\text{“del *B6.prj”} \\
\text{“del *B2*.xml”} \\
\text{“del *B3*.xml”} \\
\text{“del *B4*.xml”} \\
\text{“del *B6*.xml”} \\
\text{“move *B2.asc ″C:\PhD\2015\00 Papers\Paper 3 – Simeonof Island\00 – Landsat″”} \\
\text{“move *B3.asc ″C:\PhD\2015\00 Papers\Paper 3 – Simeonof Island\00 – Landsat″”}
\end{bmatrix}
$$

```
"move *B4.asc "C:\PhD\2015\00 Papers\Paper 3 – Simeonof Island\00 – Landsat""
"move *B6.asc "C:\PhD\2015\00 Papers\Paper 3 – Simeonof Island\00 – Landsat""
```