

f-Spectra: Spectroscopic Analysis Package for f-shell Ions

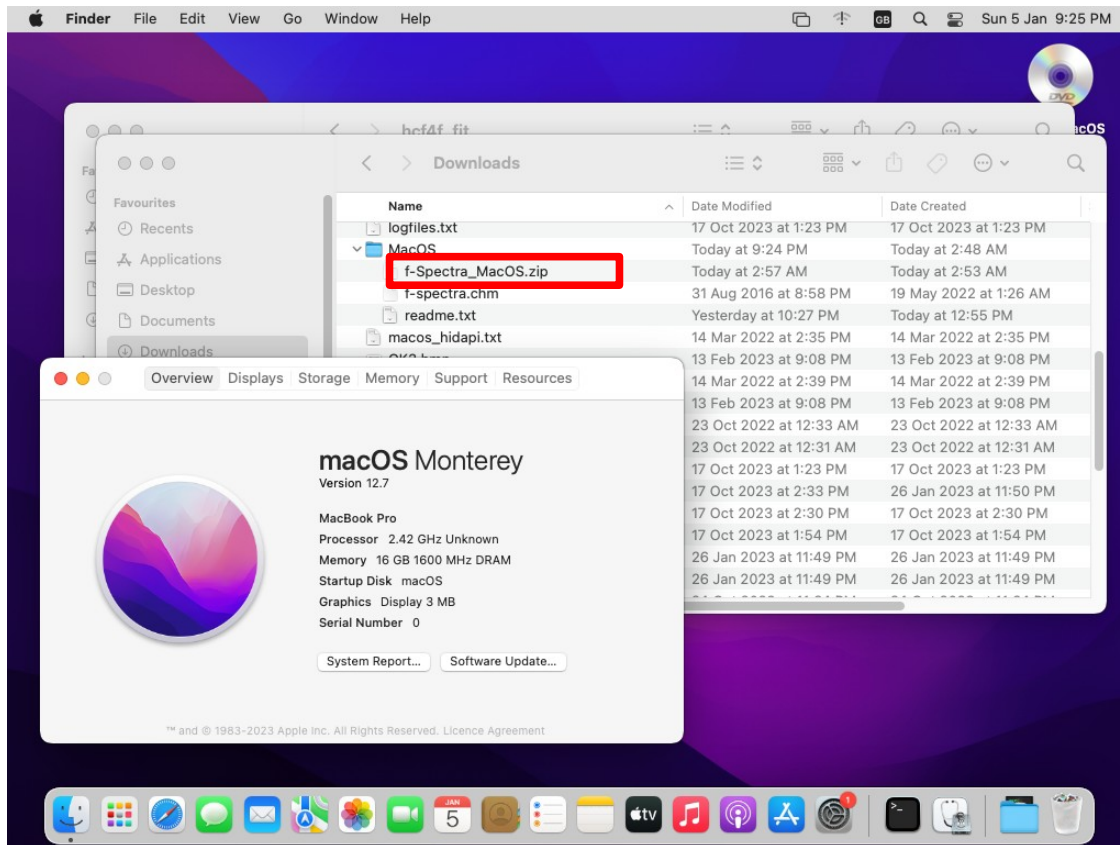
Setup and Update in MacOS

1. Download

Get the compressed file called *f-spectra_MacOS.zip* for the MacOS version of f-Spectra program from <https://stemed.online/f-spectra/download/>

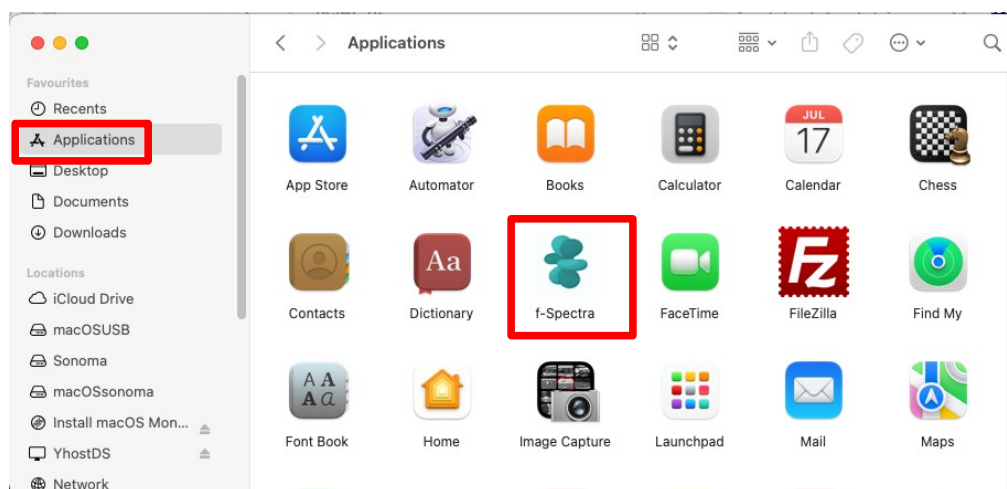
2. Decompression

Double click on *f-spectra_MacOS.zip* to expand it.



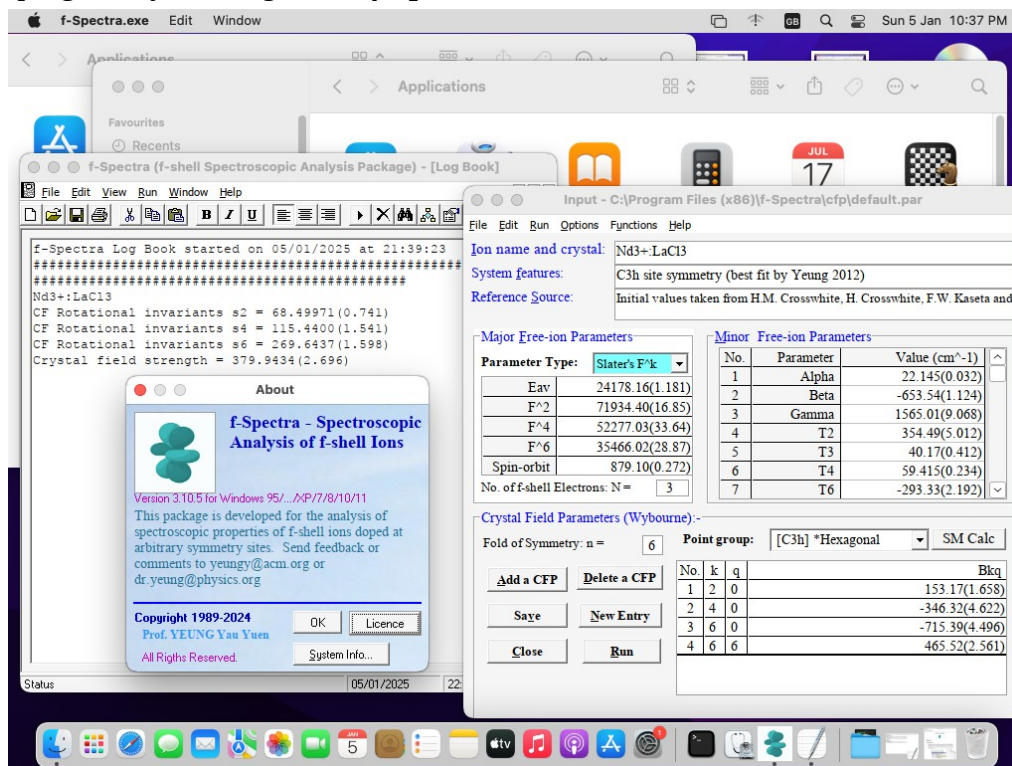
3. Placement

Move and place the unzipped file called *f-Spectra.app* onto the **Applications** folder.



4. Run

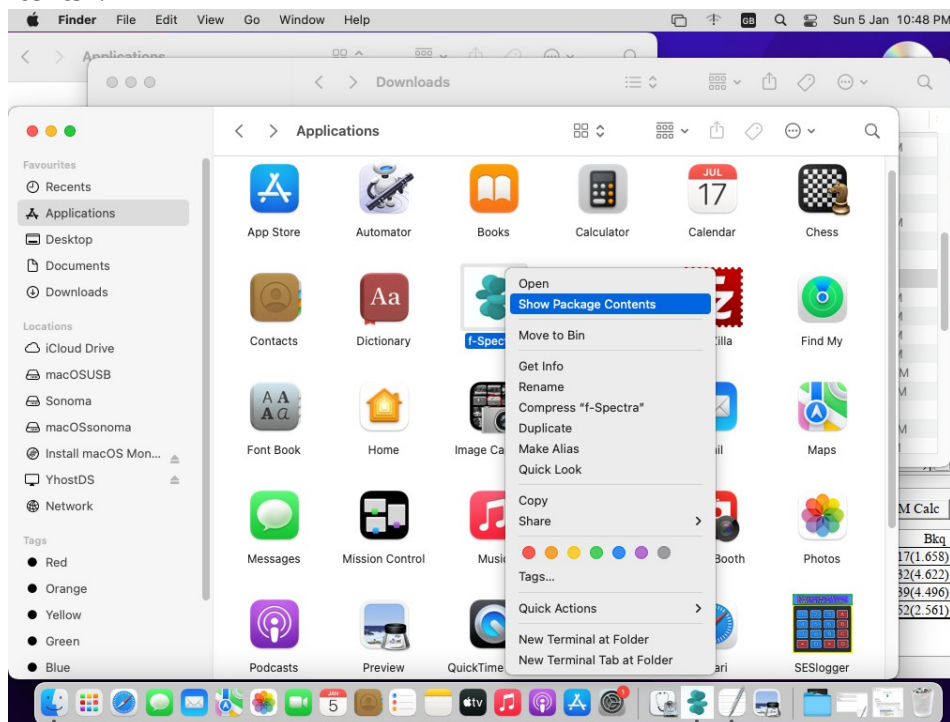
Run the program by clicking on the *f-Spectra* icon.



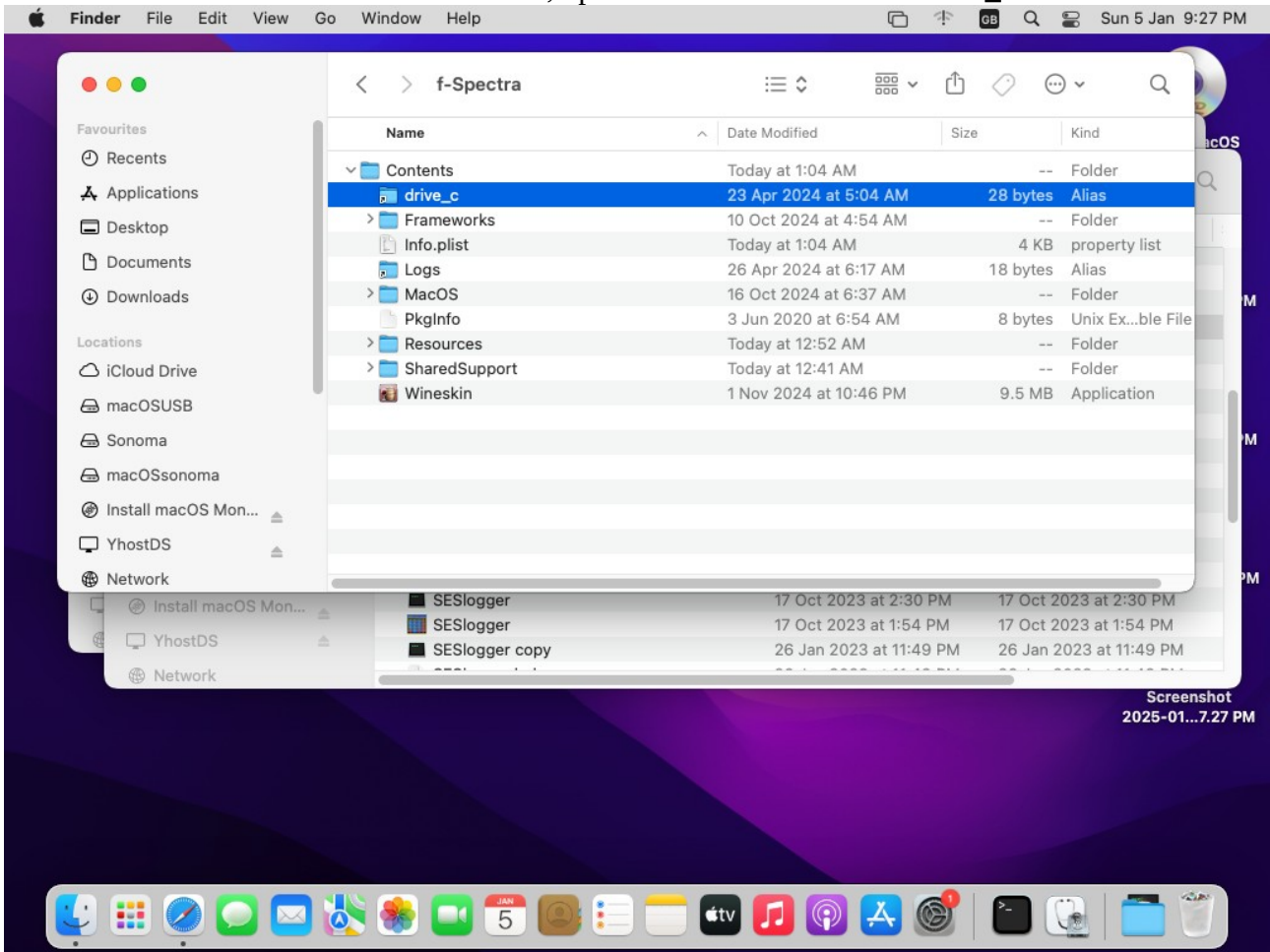
5. Update

If there is a newer (later than 20/12/2024) version of executable file called *f-Spectra.exe* available in the website <https://stemed.online/f-spectra/download/>, you may download it and place it in the program folder (located at “*C:\Program Files(x86)\f-Spectra*”) to replace the existing one. To do so, you need to follow the steps below:

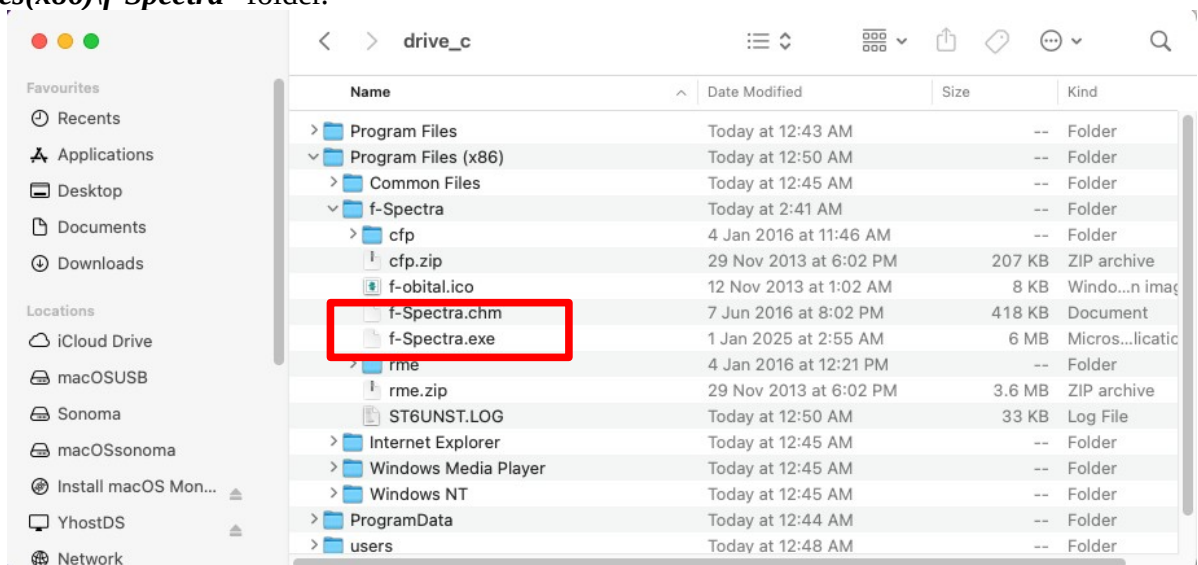
- i. Right click on the *f-Spectra* icon (inside the Applications folder) and then select “**Show Package Contents**”.



ii. Inside the folder called “Contents”, open the folder link called “drive_c”.



iii. Try to open folder by folder until you can find the f-Spectra.exe file in the “Program Files(x86)\f-Spectra” folder.



iv. Replace the executive file called *f-Spectra.exe* and/or the help file called *f-Spectra.chm* with the corresponding new one by “copy and paste method”. After the replacement, the update of the program is complete.