Cross-layer —SURF→ Ls

ICA：血红层图 W2 —SURF→ Ln

皮肤层图 W1 — 黑色层图 W3 —SIFT→ Lm

(Ls, Ln) —dE ≤ ξ→ Ls'

(Ls', Lm) —dE ≤ ξ→ Ls''

用DBSCAN算threshold：

C→；当C≠1时，分别算每张图DBSCAN

结果，更新C，调整eps

multi-scale：无需强光且能检大气孔

preprocess：

RGB → GRAY —LEP→ Base：亮度 / Detail：细节 —hist→ stretch（增） preprocessed

↑ 光流

hypothesis：

1. darker → img —LR≥Tr pixel→ candidate blob —large area 变黑→ smaller candidate
2. similar sizes
3. equally spaced

→ smaller candidate —score function→ candidates →
- 1. low average LR
- 2. size / shape

→ MS-DT → length —CV min→ predicted

光流 → 增强对比度 → 消噪 → 去除相近 → 挑选 →

New tool: shape (larger), color, orientation

S2, XP → mask → cropped S2 → Ycbcr, 取Y部 luminance → CLAHE → 光亮统一 → DoG → 消噪 → Adp thresh →

cropped XP → rigid intensity-based → registered → CIE-LAB + pred → neighborhood 分析

→ 二值图 → watershed → 去除相连 → size/shape filter → pred.

SD-OCT

signal → bg removal 去噪 → wave number linearization 去非线性 → FFT → log scaling → B-SCAN → 2D-Image → Smooth + Gaussian Blur

→ 加强对比度 → find maxima. 确定 → pred, OCT → 进一步分析.